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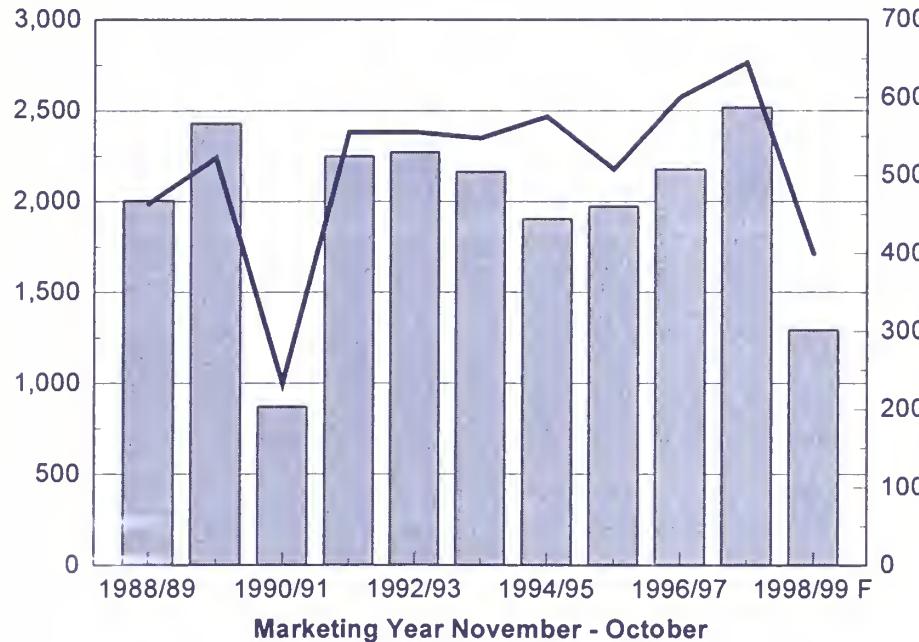


# World Horticultural Trade and U.S. Export Opportunities

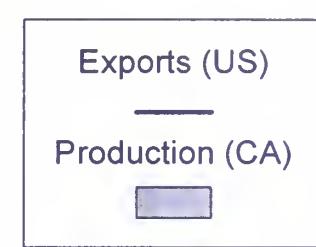
## California Freeze Reduces U.S. Fresh Orange Export Prospects

Thousand Metric Tons

### Production (California)



### U.S. Exports



California's freeze is forecast to reduce sharply the California orange harvest and U.S. fresh orange exports. Based on the National Agricultural Statistics Service's (NASS) January forecast, the freeze in December in the San Joaquin Valley reduced California's orange crop to 1.3 million metric tons, down 49 percent from last year's harvest. Although California normally accounts for about 25 percent of total U.S. orange production, that state accounts for most of the U.S. domestic fresh consumption and fresh orange exports. The freeze is expected to reduce sharply U.S. fresh orange exports and domestic consumption in 1998/99. U.S. orange exports in 1998/99 are forecast at 400,000 tons, 38 percent below last season's record shipments of 645,000 tons. This forecast would be the lowest level since 1990/91, when a similar, though more severe, freeze reduced U.S. fresh orange exports to only 233,000 tons. U.S. orange exports in 1997/98 were valued at \$362 million. The value of U.S. orange exports in 1998/99 is expected to also be down sharply, but not proportionally to the volume decrease, due to likely higher unit prices. Spain and Morocco, the other two largest citrus exporting countries, are also forecast to have lower production and exports in the 1998/99 season.

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<u>ANALYSIS</u>		
Frank Hokana	202-720-0875	Production coffee/sugar; PSD: cocoa
Sam Rosa	202-720-6086	Fresh deciduous fruit, trade issues database coordinator, apple juice, olives, mushrooms
Vacant	202-720-3423	Trade policy, food safety, and plant health coordinator, ATAC briefing paper coordinator, key development coordinator
Lisa Anderson	202-720-5028	Tree nuts, avocados, tropical fruit, nursery products, Canada snapback, circular team
Bob Knapp	202-720-4620	Canned deciduous fruit, kiwifruit, special projects
Emanuel McNeil	202-720-2083	Fresh and processed vegetables (excl. potatoes), cut flowers
Debra A. Pumphrey	202-720-8899	Coffee supply and demand (excl. production), spices, essential oils, U.S. tea trade, trade forecasts, Information technology coordinator
Vacant	202-720-3423	Table grapes/grape juice, wine/brandy, circular team
Joe Somers	202-720-2974	Situation/Outlook coordinator, monthly circular supervision, trade forecast coordinator, FAO citrus liaison, reporting coordinator, circular editor
Mark Petry	202-720-0897	Fresh and processed citrus, sugar trade, honey, circular team
Vacant	202-720-3423	Dried fruit, berries, beer/hops, melons, circular team, NAFTA quarterly report
Janise Zygmont	202-720-1176	Organics/Analysis, biotechnology issues
<u>MARKETING</u>		
Ted Goldammer	202-720-8498	Potato analysis, hops, citrus
Pamela McKenzie	202-720-2252	Berries, kiwifruit, papaya
Steve Shnitzler	202-720-8495	Avocados, ginseng, apricots
Yvette Wedderburn Bomersheim	202-720-0911	Wine, brandy, export credits, honey, grape juice, canned fruit
Kelly Strzelecki	202-690-1341	Dried fruit, Organics
Vacant	202-720-7931	Vegetables and melons
Ingrid Mohn	202-720-5330	Tree nuts
Sonia Jimenez	202-690-6057	Fresh deciduous fruit

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### Export Summary

U.S. exports of horticultural products to all countries in November totaled \$917 million, down 6 percent from the same month a year earlier. Nine out of 15 categories registered decreases. Categories with the most significant decreases in November were miscellaneous products (down \$20.3 million or 9 percent), non-citrus fruit (down \$15.0 million or 12 percent) and dried fruit (down \$11.0 million or 25 percent). The category with the most significant increase was wine (up \$9.5 million or 26 percent). For FY 1999 to date (October-November), the total value of U.S. horticultural exports was \$1.9 billion—3 percent below FY 1998.

All measures not otherwise noted are metric. One kilogram (kg.) = 2.2046 pounds,

1 metric ton = 2,204.62 pounds, 1 liter = 0.2642 gallon,

1 hectoliter (hl.) = 26.42 gallons, and 1 hectare (ha.) = 2.471 acres.

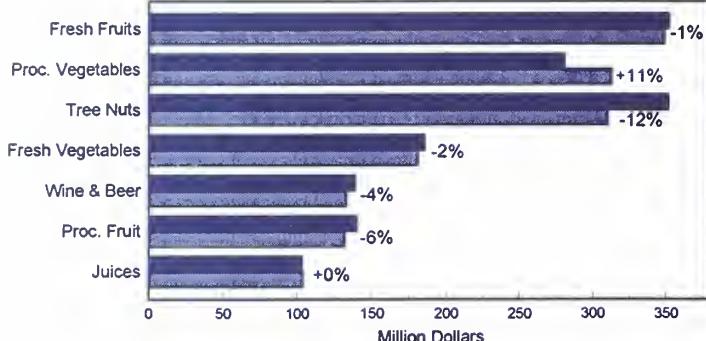
## U.S. Horticultural Product and Market Export Summaries

FY99 and Latest Month (November)  
Comparisons

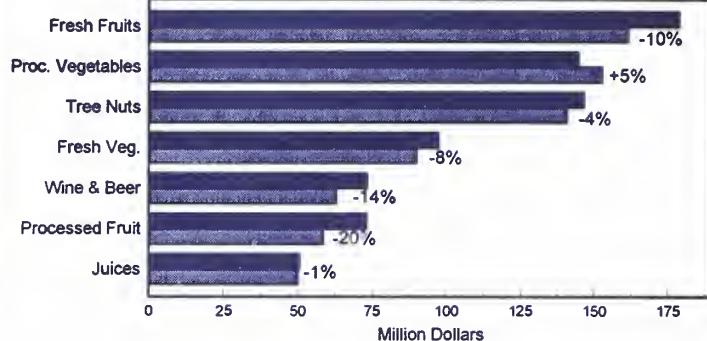
■ FY98 ■ FY99

### Selected Product Summary

-- Year-to-date --

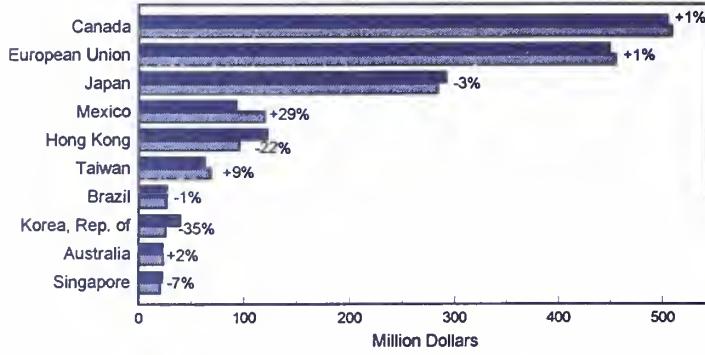


-- Latest month --

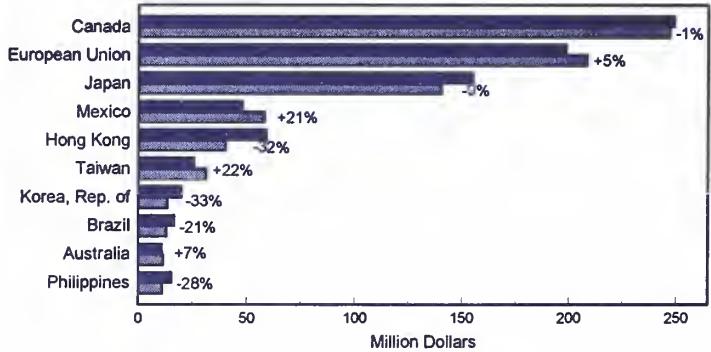


### Top Ten Market Summary

-- Year-to-date --



-- Latest month --



U.S. Exports of Selected Horticultural Products

Name		Quantity					Values (1000 Dollars)					
		Nov	Nov	Oct-Nov	Oct-Nov	Oct-Sep	Nov	Nov	Oct-Nov	Oct-Nov	Oct-Sep	
Group	Product	FY 1998	FY 1999	FY 1998	FY 1999	FY 1998	FY 1998	FY 1999	FY 1998	FY 1999	FY 1998	
Fresh Citrus	MT											
Grapefruit		38.721	37.376	71.478	70.346	387.282	17.098	18.681	32.099	36.223	189.788	
Lemons		10.842	11.642	22.103	22.904	113.282	9.111	8.652	24.744	17.330	84.042	
Oranges, Incl. Tm		32.962	24.632	54.461	49.146	642.010	18.491	15.437	31.740	29.852	361.171	
Other Citrus		4.288	4.181	5.661	5.273	30.001	3.131	2.780	4.169	3.610	23.303	
Subtotal:----		86.813	77.831	153.703	147.668	1,172.575	47.831	45.550	92.752	87.015	658.304	
Fresh Fruit, Non-Citrus	MT											
Apples		72,032	72,734	125,214	138,037	539,081	41,803	40,619	76,402	79,876	327,896	
Avocados		239	539	339	1,353	3,516	325	532	435	1,318	4,529	
Cherries Swt &trt		665	648	1,458	2,136	37,591	621	644	1,871	2,494	114,035	
Grapes		45,788	36,255	87,065	84,713	217,467	58,106	44,828	109,957	102,549	279,173	
Kiwifruit		819	839	1,428	1,140	5,684	722	1,062	1,316	1,421	7,167	
Melons		7,617	9,977	16,275	23,000	211,253	3,647	4,074	8,152	9,485	80,716	
Papaya		493	503	992	990	5,787	1,211	1,090	2,469	2,239	14,466	
Peaches & Nectrns		551	418	2,918	3,427	79,987	411	326	2,144	3,523	74,540	
Pears		29,955	20,849	56,336	41,809	156,996	14,835	12,927	28,386	25,390	86,973	
Plums/Prunes		408	1,360	2,298	7,228	48,855	367	1,177	2,170	6,385	49,164	
Strawberries		1,571	757	5,044	4,334	49,870	3,922	2,246	13,266	11,002	93,364	
Other Non-Citrus		4,342	5,020	10,567	11,979	51,260	4,826	6,223	12,519	15,890	67,509	
Subtotal:----		164,480	149,898	309,933	320,145	1,407,346	130,794	115,749	259,088	261,572	1,199,531	
Can/Prep Fruit	MT											
Cherries, Tart Cn		223	291	552	657	3,418	269	316	717	791	4,567	
Fruit Mixtures		2,063	2,241	4,561	4,625	22,973	2,671	2,513	6,268	5,216	28,263	
Marachino Cherry		631	482	1,046	914	4,812	1,349	961	2,232	1,820	9,339	
Peaches, Canned		1,827	2,093	3,500	6,395	21,580	1,839	2,005	3,454	5,292	20,215	
Pineapple, Canned		239	350	681	891	4,593	245	317	665	830	4,455	
Other Canned Fruि		8,393	3,436	12,425	7,853	59,368	8,523	3,884	12,932	8,519	64,931	
Other Prep/Preser		6,938	7,964	14,784	17,114	95,193	8,510	8,420	17,676	17,315	89,634	
Subtotal:----		20,314	16,858	37,549	38,450	211,936	23,408	18,416	43,944	39,782	221,403	
Dried Fruit	MT											
Prunes, Dried		7,283	5,796	14,343	13,964	70,831	14,412	10,893	28,347	26,293	133,659	
Raisins, Dried		12,367	8,781	24,009	21,224	120,923	21,735	15,662	42,417	36,244	200,076	
Other Dried Fruit		2,439	1,939	5,008	4,925	18,909	7,328	5,917	14,147	13,704	52,187	
Subtotal:----		22,089	16,516	43,360	40,113	210,663	43,474	32,472	84,912	76,241	385,923	
Frozen Fruit	MT											
Blueberries, Froz		765	1,249	1,256	2,534	18,473	1,693	2,333	2,700	4,893	25,435	
Strawberries, Fro		1,307	2,227	2,620	4,106	24,554	1,805	2,773	3,519	5,153	32,232	
Other Frozen Fruि		1,835	1,841	3,428	4,263	18,950	2,527	2,463	4,674	5,749	26,375	
Subtotal:----		3,907	5,318	7,303	10,902	61,976	6,026	7,569	10,892	15,795	84,042	
Fruit/Veg Juices	KL											
Grapefruit Ju. Cn		5,495	2,402	9,167	5,142	48,737	2,958	1,801	4,934	3,725	33,211	
Orange Juice, Con		15,083	8,226	28,240	23,975	315,898	8,159	6,030	15,741	13,838	147,674	
Orange Juice, Not		17,161	21,853	31,313	43,030	234,992	11,482	13,488	21,588	26,728	145,340	
Other Juices		42,246	43,761	97,939	91,492	516,200	27,903	28,655	60,945	59,291	358,814	
Subtotal:----		79,984	76,242	166,660	163,639	1,115,826	50,502	49,974	103,209	103,582	685,039	
Fresh Vegetables	MT											
Potatoes		11,915	13,910	23,277	25,079	295,761	4,009	4,901	7,299	8,746	88,267	
Asparagus, Fr. Ch		242	203	408	452	15,485	709	536	1,166	1,247	45,435	
Broccoli		12,885	13,391	19,781	22,979	126,830	8,198	8,343	14,266	15,815	90,866	
Cauliflower		8,464	8,269	13,131	15,718	77,339	5,517	5,570	9,147	10,922	55,481	
Celery		10,844	11,408	17,271	18,500	121,612	5,130	4,101	7,707	6,885	48,460	
Lettuce, Fr Chld		28,712	30,490	53,388	58,999	303,840	16,956	14,018	33,134	31,165	173,694	
Onions		35,164	28,636	71,497	61,835	292,297	10,577	9,759	20,119	20,738	105,750	
Peppers		5,250	5,980	9,341	10,612	55,937	5,655	4,919	9,357	9,175	56,805	
Tomatoes		10,893	10,577	25,507	20,826	133,689	11,913	11,051	22,544	21,562	122,317	
Other Vegetables		32,352	34,254	63,538	66,438	432,710	28,665	26,685	60,500	54,632	327,594	
Subtotal:----		156,719	157,119	297,138	301,438	1,855,500	97,329	89,883	185,237	180,888	1,114,668	

U.S. Exports of Selected Horticultural Products

Group & Product	Name	Quantity					Values (1000 Dollars)					
		Nov	Nov	Oct-Nov	Oct-Nov	Oct-Sep	Nov	Nov	Oct-Nov	Oct-Nov	Oct-Sep	
		FY 1998	FY 1999	FY 1998	FY 1999	FY 1998	FY 1998	FY 1999	FY 1998	FY 1999	FY 1998	
<b>Veg Canned</b>												
	MT											
Ketchup	3,859	3,242	7,250	6,689	43,697		2,698	2,528	5,051	4,923	29,909	
Sweet Corn, Canne	13,704	18,683	28,296	39,714	171,307		11,393	15,293	23,293	30,964	139,104	
Tomato Paste	15,686	7,557	24,690	17,880	123,257		9,273	4,974	16,156	13,504	84,999	
Tomato Sauce	9,495	9,470	18,052	17,377	106,100		8,521	8,511	16,762	15,913	98,526	
Other Can Veg	24,601	22,690	49,241	50,894	282,623		27,904	29,225	57,054	61,019	334,873	
Subtotal:----	67,345	61,642	127,530	132,554	726,984		59,788	60,532	118,315	126,322	687,411	
<b>Frozen Vegetables</b>												
	MT											
Frozen French Fry	39,449	45,084	73,821	81,891	437,431		27,755	33,219	52,101	60,495	312,588	
Fzn Swt Corn	10,304	5,348	16,918	12,290	77,470		7,995	4,473	13,505	10,480	63,011	
Other Pot Fzn	2,965	1,868	4,806	3,634	22,259		1,979	1,749	3,476	3,137	19,515	
Other Fzn Veg	6,418	8,007	12,465	16,519	84,447		5,915	7,470	11,224	14,952	75,627	
Subtotal:----	59,137	60,307	108,011	114,334	621,607		43,643	46,910	80,306	89,064	470,740	
<b>Veg. Dehyd</b>												
	MT											
Garlic Dehyd.	857	836	2,043	1,696	11,452		1,851	1,944	4,875	3,785	25,952	
Onions, Dehyd.	2,963	2,800	5,554	5,523	31,853		7,029	6,407	12,789	12,711	73,824	
Potatoes, Dehyd	3,948	3,152	8,457	7,225	46,336		3,958	3,014	8,259	7,015	45,413	
Other Dehyd Veg	7,066	5,794	13,139	11,343	77,782		12,590	8,719	23,413	18,386	130,705	
Subtotal:----	14,835	12,582	29,193	25,787	167,424		25,427	20,084	49,336	41,897	275,894	
<b>Tree Nuts</b>												
	MT											
Almonds, Unshld	2,907	1,812	7,993	4,452	25,684		6,976	5,057	20,469	11,871	69,965	
Pistachio, Unshld	1,871	1,654	4,130	3,527	14,216		8,334	6,393	18,007	13,661	61,018	
Walnuts, Shld	3,883	3,855	7,606	6,617	23,080		11,804	10,224	23,488	17,722	77,218	
Walnuts, Unshld	8,769	15,536	29,714	30,970	40,652		16,669	29,062	58,209	57,439	76,573	
Other Nuts	13,714	10,998	26,345	19,887	97,333		34,200	25,948	60,399	49,811	248,517	
Almonds, Sh/Prep	17,344	16,156	43,526	39,239	177,273		68,393	63,940	170,812	159,634	702,792	
Subtotal:----	48,487	50,012	119,313	104,693	378,238		146,376	140,623	351,384	310,138	1,236,083	
<b>Cut Flowers</b>												
	MIXED											
Cut Flowers	0	0	0	0	0		3,516	3,582	8,088	7,550	45,124	
Subtotal:----	0	0	0	0	0		3,516	3,582	8,088	7,550	45,124	
<b>Nusery Products</b>												
	MIXED											
Other Nursery	0	0	0	0	0		19,848	22,218	38,645	44,526	205,157	
Subtotal:----	0	0	0	0	0		19,848	22,218	38,645	44,526	205,157	
<b>Hops &amp; Products</b>												
	MT											
Hop Extract	347	341	674	517	3,157		7,007	6,622	11,855	9,292	50,786	
Hop Pellets	435	220	888	503	5,654		1,894	1,162	4,022	2,418	29,770	
Hops, Nfsp	78	166	485	267	1,592		1,097	763	2,680	1,217	8,577	
Subtotal:----	860	727	2,047	1,287	10,403		9,998	8,547	18,557	12,927	89,133	
<b>Wine</b>												
	KL											
Grape Wines	17,867	20,064	37,996	42,859	249,728		33,141	43,737	70,333	92,511	485,833	
Other Wine Prod	2,060	1,365	3,611	2,755	16,650		2,984	1,879	6,076	4,014	25,202	
Subtotal:----	19,927	21,428	41,607	45,614	266,378		36,125	45,615	76,409	96,525	511,035	
<b>Miscellaneous</b>												
	MIXED											
Beer & Beverages	60,639	40,620	110,147	83,903	581,646		42,878	26,361	75,619	53,794	381,149	
Edible Preparatio	19,409	19,132	38,644	39,940	219,232		75,952	80,512	154,999	158,259	828,498	
Essential Oils	3,452	3,026	7,184	6,381	45,937		40,262	39,129	83,800	79,467	533,004	
Ginseng	135	117	302	292	883		9,884	7,132	19,698	13,273	46,614	
Potato Chips	6,190	9,880	12,478	22,659	102,592		15,333	24,598	31,898	54,175	225,607	
Other Misc	0	0	0	0	0		45,196	31,465	88,912	67,972	433,800	
Subtotal:----	89,824	72,774	168,756	153,176	950,289		229,505	209,197	454,925	426,938	2,448,672	
Grand Total:							973,590	916,921	1,975,998	1,920,761	10,318,161	

U.S. Imports of Selected Horticultural Products

Group & Product	Name	Quantity					Values (1000 Dollars)					
		Nov	Nov	Oct-Nov	Oct-Nov	Oct-Sep	Nov	Nov	Oct-Nov	Oct-Nov	Oct-Sep	
		FY 1998	FY 1999	FY 1998	FY 1999	FY 1998	FY 1998	FY 1999	FY 1998	FY 1999	FY 1998	
Fresh Fruit	MT											
Apples	9,829	4,583	24,628	11,245	156,700		3,371	2,518	7,323	5,935	77,650	
Avocados	7,397	13,598	13,330	27,460	39,847		8,508	14,806	14,639	29,378	42,897	
Bananas	313,367	341,280	632,474	642,258	3,946,158		86,846	91,689	173,972	172,541	1,110,175	
Cantaloupe	21,238	24,980	29,274	29,104	443,417		6,751	6,951	8,572	8,078	128,820	
Grapes	442	151	3,407	1,523	419,956		609	218	2,234	1,478	440,659	
Kiwifruit	348	527	655	2,236	41,986		253	662	537	2,131	30,472	
Mangoes	2,110	3,608	4,158	5,809	188,767		2,172	3,193	4,250	5,130	125,047	
Peaches	675	805	675	805	7,039		782	905	782	905	6,721	
Pears	795	982	1,261	1,554	67,636		2,058	2,436	3,187	3,597	46,518	
Pineapples	18,051	33,699	45,241	54,443	255,533		7,909	12,541	18,324	20,857	83,676	
Strawberry	366	1,059	380	1,069	25,858		926	3,294	984	3,327	65,805	
Other Melons	24,231	22,581	36,354	33,523	417,020		6,214	7,665	9,685	10,645	122,101	
Other Fruit	45,249	52,785	105,892	122,811	601,668		25,315	32,343	56,581	84,416	332,127	
Subtotal:----	444,097	500,639	897,728	933,840	6,611,584		151,714	179,220	301,069	348,418	2,612,667	
Dried Fruit	MT											
Dried Apricots	1,484	1,744	3,201	3,785	13,527		3,924	3,780	8,273	8,153	34,579	
Drd Figs & Pst	1,055	441	2,183	989	4,538		1,359	1,028	3,361	2,362	5,834	
Other Dried Fruit	2,442	2,598	4,324	5,644	23,453		3,279	3,648	6,066	7,546	37,543	
Subtotal:----	4,981	4,783	9,708	10,418	41,519		8,562	8,455	17,700	18,061	77,957	
Frozen Fruit	MT											
Fzn Blueberries	1,200	1,246	2,728	2,481	13,188		2,245	2,189	5,257	4,508	24,521	
Fzn Strawberries	255	316	527	429	18,637		270	412	559	611	21,477	
Other Fzn Fruit	2,175	2,450	4,416	5,647	32,167		2,512	2,909	5,001	6,444	36,276	
Subtotal:----	3,631	4,012	7,671	8,557	63,992		5,026	5,509	10,817	11,563	82,274	
Canned/Prep Fruit	MT											
Canned Olives	7,383	7,076	14,914	15,626	92,958		15,996	13,762	32,053	28,746	181,730	
Canned Oranges	3,279	4,100	7,609	10,635	68,741		2,973	3,022	6,963	7,785	54,500	
Canned Peaches	1,940	1,723	4,006	3,231	17,490		1,303	1,209	2,762	2,311	12,356	
Canned Pineapples	22,366	22,848	46,946	41,097	249,662		16,235	16,961	34,103	30,235	181,388	
Mixed Fruit	3,290	4,021	6,089	6,878	56,085		3,634	4,365	7,034	7,951	57,342	
Prep/Pres Fruit	8,245	8,171	16,445	16,239	98,077		9,522	9,734	19,250	18,420	112,024	
Other Canned Fru	4,830	5,626	10,751	11,197	60,300		6,261	7,139	15,191	14,449	77,400	
Subtotal:----	51,334	53,566	106,759	104,903	643,312		55,925	56,191	117,356	109,897	676,739	
Frt&Veg Juice	55E KL											
Apple Juice	77,663	64,545	158,118	144,499	1,016,823		20,947	10,742	41,501	24,762	228,735	
Fcoj	46,795	127,274	127,549	218,128	1,050,746		7,669	28,804	21,784	48,567	205,142	
Grape Juice	12,340	10,221	28,707	17,682	127,985		4,765	5,546	11,385	9,300	57,562	
Pineapple Juice	16,418	20,485	38,330	37,395	238,683		4,742	5,730	11,458	10,534	72,599	
Other Juices	20,430	9,973	44,836	33,037	242,007		12,256	6,744	25,998	18,669	118,004	
Subtotal:----	173,646	232,499	397,540	450,741	2,676,244		50,379	57,566	112,126	111,832	682,042	
Fresh Vegetables	MT											
Garlic	295	771	446	1,665	30,129		485	1,416	802	2,922	36,021	
Asparagus	4,822	5,127	9,265	11,205	46,702		8,925	9,171	15,926	19,239	87,332	
Bell Pepper	9,299	8,883	14,919	15,164	194,827		13,524	14,287	20,922	23,735	252,852	
Carrots	15,028	9,165	26,958	17,773	93,777		3,404	2,366	5,997	4,361	23,735	
Chili Pepper	9,192	10,573	21,292	26,098	124,844		7,907	4,654	11,568	12,421	90,755	
Cucumbers	39,660	36,602	50,947	48,419	327,745		12,516	11,388	16,616	16,711	154,634	
Onions	16,907	18,755	26,795	30,367	259,188		13,500	12,041	21,663	20,004	151,990	
Potatoes	35,596	37,124	61,127	66,234	474,182		7,165	7,754	12,642	13,652	95,503	
Squash	17,449	19,887	25,125	32,429	157,537		9,827	11,537	15,372	19,090	104,933	
Tomatoes	38,861	42,367	67,376	80,974	856,852		35,134	50,264	58,653	91,704	735,180	
Other Fresh Veg	40,731	38,804	71,971	71,330	529,631		25,710	27,477	43,937	49,261	343,888	
Subtotal:----	227,839	228,059	376,220	401,660	3,095,413		138,095	152,355	224,098	273,100	2,076,822	

U.S. Imports of Selected Horticultural Products

Group & Product	Quantity					Values (1000 Dollars)					
	Nov FY 1998	Nov FY 1999	Oct-Nov FY 1998	Oct-Nov FY 1999	Oct-Sep FY 1998	Nov FY 1998	Nov FY 1999	Oct-Nov FY 1998	Oct-Nov FY 1999	Oct-Sep FY 1998	
<b>Canned/Dehyd Vegetables MT</b>											
Cnd Artichokes	1,607	936	3,806	2,550	38,050	2,346	2,163	5,575	5,771	71,159	
Cnd Bamboo	3,297	3,743	7,639	6,993	30,171	2,571	2,618	5,788	4,894	23,198	
Cnd Mushrooms	4,305	3,334	8,776	6,641	62,371	7,556	7,308	15,332	14,451	105,703	
Cnd Pimiento	584	1,107	1,638	2,528	12,694	698	1,488	1,921	3,492	16,177	
Cnd Tomatoes	6,762	6,203	13,040	11,730	71,699	3,069	3,400	5,989	6,365	36,693	
Cnd Waterchnuts	2,827	2,233	5,714	4,464	34,593	1,860	1,533	3,824	3,116	20,857	
Tomato Pst & Sauc	1,238	797	2,443	2,054	24,830	1,277	1,208	2,691	2,864	27,830	
Dried Mushrooms	109	126	209	253	1,955	1,423	1,168	2,929	2,408	18,469	
Dried Tomatoes	594	0	1,143	0	3,985	2,152	0	4,211	0	14,806	
Other Dehyd Veg	9,998	17,172	21,689	33,315	171,969	10,908	16,793	23,166	32,816	159,016	
Other Can Veg	22,741	22,972	46,437	48,534	297,225	20,037	20,514	41,399	42,190	247,766	
<b>Subtotal:....</b>	<b>54,062</b>	<b>58,622</b>	<b>112,536</b>	<b>119,062</b>	<b>749,542</b>	<b>53,897</b>	<b>58,193</b>	<b>112,826</b>	<b>118,367</b>	<b>741,674</b>	
<b>Frozen Vegetables MT</b>											
Broccoli Fzn	16,257	17,759	31,682	32,683	153,962	10,040	12,234	19,847	22,478	101,694	
Cauliflower Fzn	3,832	2,308	6,187	3,960	23,400	2,534	1,704	4,076	2,927	17,158	
Other Veg Fzn	12,400	17,079	29,157	45,414	205,681	11,298	13,301	23,104	24,975	140,270	
<b>Subtotal:....</b>	<b>32,489</b>	<b>37,146</b>	<b>67,026</b>	<b>82,057</b>	<b>383,042</b>	<b>23,872</b>	<b>27,239</b>	<b>47,027</b>	<b>50,380</b>	<b>259,122</b>	
<b>Tree Nuts MT</b>											
Brazils Tot	967	523	2,413	1,305	10,676	3,287	1,405	7,785	3,562	25,298	
Cashews Tot	5,048	4,536	12,841	9,182	74,364	23,539	22,264	59,005	45,883	339,441	
Coconut	3,694	3,666	7,064	7,364	39,134	2,659	2,600	5,185	5,019	27,040	
Pecans	4,657	4,576	6,676	6,359	24,019	11,836	9,717	16,237	13,940	71,298	
Other Nuts	3,977	4,507	6,906	7,250	17,215	13,456	14,004	24,339	22,563	74,267	
<b>Subtotal:....</b>	<b>18,342</b>	<b>17,808</b>	<b>35,901</b>	<b>31,459</b>	<b>165,407</b>	<b>54,778</b>	<b>49,990</b>	<b>112,551</b>	<b>90,966</b>	<b>537,344</b>	
<b>Nursey Products MIXED</b>											
Carnations	98,041	81,654	190,084	161,991	1,104,344	9,726	8,107	18,004	16,234	115,633	
Christmas Trees	1,892	1,912	1,892	1,921	2,585	16,403	16,535	16,406	16,563	22,177	
Chrysanthemus	56,751	59,957	109,173	111,161	614,706	9,298	9,443	17,790	18,237	96,470	
Roses	66,890	56,928	151,634	131,449	1,016,044	15,177	10,703	33,359	24,961	236,861	
Tulip Bulbs	16,564	15,354	80,024	84,712	398,600	1,539	1,523	9,083	9,444	42,281	
Other Cut Flowers	0	0	0	0	0	15,760	14,713	32,067	30,306	203,172	
Other Nursey Prod	0	0	0	0	0	25,205	29,652	51,981	60,501	344,782	
<b>Subtotal:....</b>	<b>240,139</b>	<b>215,804</b>	<b>532,807</b>	<b>491,234</b>	<b>3,136,278</b>	<b>93,108</b>	<b>90,677</b>	<b>178,690</b>	<b>176,247</b>	<b>1,061,377</b>	
<b>Hops &amp; Products MT</b>											
Hops & Pellets	0	16	95	57	4,660	1	61	365	316	29,313	
Other Hop Prod	1	0	1	0	209	10	0	10	0	879	
<b>Subtotal:....</b>	<b>2</b>	<b>16</b>	<b>97</b>	<b>57</b>	<b>4,869</b>	<b>12</b>	<b>61</b>	<b>375</b>	<b>316</b>	<b>30,192</b>	
<b>Wine KL</b>											
Red Wine	19,391	19,314	40,941	37,321	199,150	76,523	89,635	157,266	171,747	827,022	
Sparkling Wine	5,375	5,289	11,676	12,399	32,869	53,057	66,002	127,250	148,997	378,638	
White Wine	12,756	11,399	27,634	25,395	124,672	45,993	49,266	99,618	105,970	453,138	
Other Wine Prod	10,066	6,466	18,937	12,464	72,095	23,930	16,326	45,781	32,742	171,118	
<b>Subtotal:....</b>	<b>47,588</b>	<b>42,467</b>	<b>99,188</b>	<b>87,579</b>	<b>428,787</b>	<b>199,503</b>	<b>221,229</b>	<b>429,914</b>	<b>459,456</b>	<b>1,829,916</b>	
<b>Miscellaneous MIXED</b>											
Beer & Beverages	129,859	146,554	286,094	321,525	2,001,442	114,583	127,770	253,926	283,078	1,743,148	
Other Misc	0	0	0	0	0	136,642	136,885	273,010	280,372	1,653,566	
<b>Subtotal:....</b>	<b>129,859</b>	<b>146,554</b>	<b>286,094</b>	<b>321,525</b>	<b>2,001,442</b>	<b>251,224</b>	<b>264,655</b>	<b>526,936</b>	<b>563,450</b>	<b>3,396,714</b>	
<b>Grand Total:</b>						<b>1,086,096</b>	<b>1,171,340</b>	<b>2,191,486</b>	<b>2,332,055</b>	<b>14,064,839</b>	

## **EXPORT NEWS AND OPPORTUNITIES**

### **USDA Announces Lebanon and Uzbekistan GSM-102 Programs**

On December 29, the U.S. Department of Agriculture (USDA) authorized \$7 million in credit guarantees for sales of U.S. agricultural commodities to Lebanon under the GSM-102 for fiscal year 1999.

On January 11, USDA authorized \$20 million in credit guarantees for sales of U.S. agricultural commodities to Uzbekistan under the GSM-102 program for fiscal year 1999.

Exporters may apply for credit guarantees for the Lebanon and Uzbekistan GSM-102 programs, on a first-come, first-served basis to cover sales of any of the commodities specified in the GSM list published in FAS announcement PR 0580-98, issued November 6, 1998, or as superseded. The following horticultural products are eligible under the export credit guarantee programs for FY 1999: dried fruit; fresh fruit; 100 percent fruit juices; fruit and vegetable concentrates, pastes, pulps and purees; honey; hops or hops extract; tree nuts canned vegetables; dried vegetables; wine; and brandy.

The GSM-102 program makes available financing for the sales of U.S. agricultural commodities overseas. USDA does not provide financing, but guarantees payments due from foreign banks. USDA typically guarantees 98 percent of the principal and a portion of the interest. The GSM-102 program covers credit terms from 90 days to 3 years.

Under the program, once a firm sale exists, the qualified U.S. exporter applies for a payment guarantee before the date of export. The U.S. exporter pays a fee calculated on the dollar amount guaranteed, based on a schedule of rates applicable to different lengths of credit periods. The CCC-approved foreign bank issues a dollar-denominated,

irrevocable letter of credit in favor of the U.S. exporter, ordinarily advised or confirmed by the financial institution in the United States agreeing to extend credit to the foreign bank. The U.S. exporter may negotiate an arrangement to be paid as exports occur by assigning the U.S. financial institution the right to proceed that may become payable under the guarantee, and later presenting required documents to that financial institution. Such documents normally include a copy of the export report.

If a foreign bank fails to make any payment as agreed, the exporter or the assignee may file a claim with USDA for the amounts due and covered by the guarantee. USDA will pay the U.S. bank and will take on the responsibility of collecting the overdue amount from the foreign bank.

The table on page 11 presents the FY 1999 GSM-102 programs for which USDA has authorized credit guarantees for sales of U.S. horticultural products as of January 20, 1999. Additional information about the GSM-102 program, regulations, country specific press releases and program announcements, and a Monthly Summary of Export Credit Guarantee Program Activity may be accessed on the Internet at:

[http://www.fas.usda.gov/excredits/  
exp-cred-guar.html](http://www.fas.usda.gov/excredits/exp-cred-guar.html)

### **USDA Extends Supplier Credit Guarantees to Bulgaria**

On January 11, USDA authorized \$5 million in credit guarantees for sales of U.S. agricultural commodities to Bulgaria under the Supplier Credit Guarantee Program (SCGP) for fiscal year 1999.

Exporters may apply for credit guarantees for the Bulgaria SCGP, on a first-come, first-served basis to cover sales of any of the commodities specified in the list published in FAS announcement PR 0580-98, issued November 6, 1998, or as superseded.

The SCGP is unique because it covers short-term financing extended directly by U.S. exporters to foreign buyers and requires that the importers sign a promissory note in case of default on the CCC-backed payment guarantee. The SCGP emphasizes high-value and value-added products, but may include commodities or products that also have been programmed under the GSM-102 program.

The table on page 12 presents the FY 1999 SCGPs for which USDA has authorized credit guarantees for sales of U.S. horticultural products as of January 20, 1999. Additional information about the SCGP, regulations, country specific press releases and program announcements, and a Monthly Summary of Export Credit Guarantee Program Activity may be accessed on the Internet at:

[http://www.fas.usda.gov/excredits/  
scgp.html](http://www.fas.usda.gov/excredits/scgp.html)

Note: The GSM will consider requests to establish a SCGP and/or GSM Program for a country or region or amend an authorized program to include horticultural commodities and products which are currently not eligible.

(For further information on the SCGP or GSM-102 Program for horticultural commodities, contact Yvette Wedderburn Bomersheim, 202-720-0911).

## FY 1999 GSM-102 CREDIT GUARANTEE COVERAGE 1/

Country	Announced Allocation (In Millions of Dollars)	Exporter Applications Received (In Millions of Dollars)
ANDEAN REGION	350.0	
ARGENTINA	7.0	
AZERBAIJAN	5.0	
BALTIC REGION	15.0	
BRAZIL	105	
Fresh fruit		1.2
CENTRAL AMERICA REGION	110.0	
CENTRAL EUROPE REGION	10.0	
CHINA	200.0	
EAST AFRICA REGION	35.0	
EAST CARIBBEAN REGION	60.0	
EGYPT	100.0	
GEORGIA	5.0	
INDIA	20.0	
INDONESIA	400.0	
JORDAN	60.0	
KAZAKSTAN	10.0	
LEBANON	7.0	
MALAYSIA	100.0	
MEXICO	750.0	
MOROCCO	10.0	
PHILIPPINES	100.0	
POLAND	25.0	
ROMANIA	45.0	
SOUTHEAST ASIA REGION	90.0	
SOUTHEAST EUROPE REGION	25.0	
SOUTHERN AFRICA REGION	50.0	
THAILAND	300.0	
TUNISIA	30.0	
TURKEY	350.0	
WEST AFRICA REGION	52.0	
WEST CARIBBEAN REGION	35.0	

1/Coverage is detailed in FAS Program Announcements for all commodities, including those not listed as of January 8, 1999. FAS news releases are available on the Internet at <http://www.fas.usda.gov/excredits/exp-cred-guar.html>.

## FY 1999 SUPPLIER CREDIT COVERAGE 1/

Country	Announced Allocation (In Millions of Dollars)	Exporter Applications Received (In Millions of Dollars)
ARGENTINA	1.0	
BALTIC REGION	5.0	
BRAZIL	10.0	
Fresh Fruit		0.08
CENTRAL AMERICA REGION	10.0	
CENTRAL EUROPE REGION	20.0	
EAST CARIBBEAN REGION	5.0	
GEORGIA	5.0	
ISRAEL	20.0	
JAMAICA	5.0	
KAZAKSTAN	5.0	
KOREA	50.0	
Tree nuts		0.08
MEXICO	100.0	
Fresh fruit		0.01
POLAND	10.0	
SOUTHEAST ASIA REGION	50.0	
Fresh fruit		0.08
SOUTHEAST EUROPE REGION	20.0	
Fresh fruit		0.08
TURKEY	5.0	

1/Coverage is detailed in FAS Program Announcements for all commodities, including those not listed as of January 8, 1999. FAS news releases are available on the Internet at <http://www.fas.usda.gov/excredits/scgp.html>.

## **California kiwifruit finds temporary market in New Zealand**

High domestic and international demand for New Zealand kiwifruit has resulted in a shortage of domestically grown fruit, prompting imports of California kiwifruit into the market. California exporters have shipped more than 350,000 lbs of kiwifruit to New Zealand since December 1998, compared to zero shipments in 1997/98. Exports to this market represent about ten percent of California's kiwifruit offshore exports this season. According to the Agricultural Attache in Wellington, the New Zealand market was depleted by strong demand in Australia and a larger than usual amount of fruit being sold as stock food because it was not firm enough for storage. Also, some producers have reportedly switched over to the Chinensis or Zespri Gold variety of kiwifruit. New Zealand consumers are reportedly paying up to N.Z.\$6.00/kg (U.S.\$1.46/lb) for imported California fruit, compared with the usual N.Z.\$2.50/kg (U.S.\$0.60/lb) for domestic kiwifruit.

## **WORLD TRADE SITUATION AND POLICY UPDATES**

### **Mexico cancels preliminary antidumping duty against Greek canned peach imports**

On November 25, 1998, Mexico's Secretariat of Commerce and Industrial Development (SECOFI) announced that there was insufficient proof to determine that the Mexican canned peach industry had been damaged by imports of Greek canned peaches, or that they were victims of unfair trade practices. As a result of this finding, the preliminary antidumping duty of 43.51 percent, imposed on imports of Greek canned peaches since December 9, 1997, was terminated. Mexico's major canning facility, located in Tacete, receives much of its raw product from the United States. U.S. exports of canning peaches to Mexico totaled 10,343 tons in 1997. Total U.S. canned peach exports to all destinations during the last marketing year equaled 16,006 tons.

### **EU grants 5-year derogation for U.S. wine-making practices**

On December 18, the EU Council voted to extend derogations for certain wine making practices until 2003. In July and again in September, the United States informed the EU that, unless extended derogations were granted, negotiations on a new wine accord could not begin. Now that the extended derogation has been granted, negotiations are likely to begin in early 1999. In the past, the EU had granted derogations on an annual basis. The extended derogation will remove much of the uncertainty faced by importers and exporters at the end of each year. The EU is a critically important market for U.S. wine and wine products, accounting for approximately \$202 million or 49 percent of total exports in 1997. Were the Council not to extend the wine derogations, the resulting U.S. wine trade loss has been estimated at \$125 million.

### **Spain stops mandatory aflatoxin testing on U.S. almond shipments**

On December 18, Spain's Ministry of Health stated that mandatory aflatoxin testing on all U.S. almond imports would be discontinued. This policy has been in effect since November 23, after Spain's usual policy of random testing had detected violative levels of aflatoxin in one shipment of U.S. almonds. As a result, specific control measures were established at Spanish ports, consisting of systematic analysis of aflatoxin on all incoming U.S. almond shipments, and detention of the product until analytical results were obtained. In the ensuing month, no positive results were found in U.S. shipments and Spain has now reverted back to its usual policy of random testing. U.S. exports of almonds to Spain totaled 11,506 metric tons in 1997.

## ORGANIC UPDATES

### **Organics and trade on Secretary's list of priorities for 1999**

On December 17, Secretary of Agriculture Dan Glickman announced that he and the Department would focus on seven key priorities in 1999, including "issuing national organic standards that are good for farmers and consumers;" "expanding research to improve all of USDA's work, from nutrition to food safety to sustainable agriculture;" and "further expanding trade opportunities for American farmers." Other priorities concern crop insurance reform, anti-hunger initiatives, the meat and poultry inspection system, and civil rights issues. Mr. Glickman also noted USDA's successes in 1998, among them "the first rule on national standards for organic foods, using the Internet in an unprecedented public review and comment process. A revised rule that reflects substantial public input will be released in 1999."

### **Organics in Chile and Argentina**

**Chile** - Although relatively small, Chile's organic production has grown significantly over the last four years. In 1998, Chile's two domestic certifiers certified nearly 1,700 hectares (4,300 acres) of land as organic. Land use and major crops produced include "prairie" (uncultivated land for wild crops and forage areas for bees which produce organic honey) rose hips, raspberries, medicinal herbs, asparagus, and apples. Other organic crops produced include kiwi, plums, garlic, cherries, strawberries, blueberries, vegetables, seed corn, honey, milk and beef. Certifiers predict future growth in Chilean organic agriculture, particularly for fresh grapes, avocados, vegetables, kiwi, and wine. However, one of the greatest challenges to further expansion of organics in Chile is the difficulty of building soil fertility using organic methods.

According to government statistics, exports of organic products were valued at \$2.6 million in

1997/98. Major export items in descending order of value were medicinal herbs, fresh kiwi, fresh grapes, fresh apples, rose hips, frozen asparagus, frozen raspberries, dried apples, frozen squash, fresh raspberries and fresh plums. The main target market is the United States (especially for raspberries and asparagus). Chile also exports organic kiwi, herbs and table grapes to Japan, and medicinal herbs to Europe. Exports of sulfite-free organic wine packaged in small bottles for Europe and Japan began for the first time in October 1998.

**Argentina** - Less than 1 percent of total agricultural production is certified organic, but that is rapidly changing. Since 1995, the area devoted to organic production has more than doubled, reaching 231,280 hectares (571,260 acres) in 1998. Only about one tenth of that area is in crop production; the remainder consists of rangeland for organic livestock production (mainly beef), and uncultivated forage areas for bees (organic honey) and for wild crops. A small amount of organic milk, cheese, and poultry are produced for domestic consumption.

Argentina's diverse climate and geography make it possible to produce a wide range of organic commodities. Following is a breakdown by product category and percentage of total harvested area for 1998:

- \* 78 percent - grains and oilseeds (corn, soybeans, sunflower seeds, sunflower oil, wheat, millet, rye, sorghum, oats and flax)
- \* 17 percent -processed/industrial crops (sugar cane, yerba mate, and tea)
- \* 3 percent - fruit (apples, pears, plums, peaches, cherries, and citrus fruit)
- \* 2 percent - vegetables (onions, asparagus, potatoes, pumpkin, lettuce and Swiss chard)

Small quantities of processed products such as olive oil, wine, sunflower seeds, bakery products and mate tea are also produced.

According to government statistics, approximately 85 percent of Argentina's organic production is exported, and about 83 percent of the exports go to the EU. The remainder are destined for the United States and more recently, Japan. In 1995/96, organic exports were valued at nearly \$20 million. Estimates are that by the year 2000, shipments may top \$100 million. Major export products and destinations:

- \* EU - corn, soybeans, sunflower seeds, apples, pears, oranges, onions, asparagus, garlic, raisins, wine, orange juice concentrate, honey, beef.
- \* United States - pears, apples, olive oil, grape juice, apple juice, concentrated pear juice, and olives.
- \* Japan - grape juice and apple juice.

Fifteen percent of Argentina's organic production is consumed domestically, primarily in the capital region. Imports are minimal. As elsewhere, consumers of organic foods tend to be more educated and affluent. Organic products can be found in natural product shops and in major supermarkets. The most important products consumed domestically are asparagus, lettuce, pumpkins, beetroot, oranges, mandarins, lemons, yerba mate, olive oil, herbs, beef, chicken, milk, cheese and honey.

MAPO (Argentine Movement for Organic Production), formed in 1995, is Argentina's main organic industry group, representing growers, scientists, technicians, certifiers, business managers, and academia. MAPO works closely with government entities to craft a united strategy for developing the organic sector and promoting organic products overseas. MAPO organized the 1998 IFOAM conference in Mar del Plata, boosting Argentina's presence on the world organics stage.

For more news on organics, see HTP's monthly newsletter "Organic Perspectives," available at the HTP home page:

<http://www.fas.usda.gov/htp/organics/organics.html>

The newsletter contains reports on organics from around the world gleaned from attache reports, trips made by HTP's organics staff, and other sources. The newsletter also covers items of interest about the U.S. national organic program and the domestic organic industry. A list of upcoming conferences, trade shows and other events is included in every issue.

*(For further information, contact Janise Zygmont (analysis) at 202-720-1176 or Kelly Strzelecki (marketing) at 202-690-1341.*

## Situation and Outlook for Frozen French Fries

In 1998/99, french fry exports from the 3 major exporting countries, the Netherlands, Canada, and the United States, are forecast at a record 2.1 million metric tons, 7 percent above the previous year's shipments. All three countries are expected to register export gains in 1998/99, with Canada leading the trio in export growth. Canadian exports are forecast to increase 12 percent in 1989/99 to 500,000 tons. Canadian exports have experienced double-digit growth rates for the past several years, largely due to the expanding domestic processing industry. U.S. frozen french fry exports reached a record \$304 million and 424,848 tons in 1997/98, more than double the volume and twice the value of just 5 years ago. U.S. french fry exports are forecast to increase 6 percent in 1998/99 despite the Asian financial crisis. Rising per capita incomes in many countries, ongoing Market Access Program activities, and expansion of the fast food industry, particularly in East Asia, are expected to continue to spur demand for french fries. Japan is the largest U.S. market, accounting for over half of U.S. shipments.

### United States

The 1998/99 U.S. potato crop is forecast at 21.6 million tons, 2 percent above the previous season's harvest but 4 percent below the record large crop of 1996. Production is down both for the eastern and western states while production is forecast to increase for the Central states to 4.9 million metric tons, a jump of 11 percent from last year. The 1998/99 U.S. potato crop is expected to be the second largest on record.

About 28 percent of U.S. production potato is used to produce french fries. With a relatively large U.S. potato crop and a steady domestic demand for french fries, U.S. french fry production in 1998/99 is forecast to rise slightly to 3.4 million tons. From 1990 to 1997, U.S. production of french fries increased over 4 percent annually. Most of the growth in U.S. french fry consumption comes from sales to the food service sector.

With the expansion of the U.S. french fry

industry, exports of french fries, especially to food service markets, have risen significantly. In 1998/99, U.S. exports of french fries are projected to increase almost 6 percent to a record 450,000 tons (20 percent of domestic production). In 1997/98, exports registered an 9-percent gain over the previous year.

The top 5 U.S. french fry markets accounted for nearly 75 percent of 1997/98 shipments. These countries include Japan; with 52 percent of total exports; Hong Kong at 7 percent; South Korea and Canada with 6 percent each; and Taiwan at 5 percent. Latin America is relatively a new market; the largest markets are Mexico, with a 70 percent share, followed by Chile, Argentina, and Brazil. However, export prospects to South America are for the time limited given the lower transportation costs enjoyed both by the Canadians and the Dutch.

Expansion of the international fast food industry, product quality, rising incomes in many countries, and ongoing Market Promotion

Program activities have all played a role in stimulating demand for U.S. french fries. Export prospects for the next decade are very promising, given the sustained and continued expansion of the international fast food industry.

## Netherlands

In 1998, Dutch fresh potato production is expected to continue upward with the Dutch crop estimated to increase 4 percent, at 5.4 million metric tons. However, the yield is forecast to be lower in 1998, due to heavy rains and pest infestations such as late blight and brown rot.

The Dutch are by far the largest exporter of frozen french fries in the world. In 1997/98, Dutch exports totaled 1,088,000 metric tons; for 1998/99 exports are forecast to increase about 5 percent. According to Dutch industry sources, several factors contributed to stronger exports. First, the continued growth of quick service restaurants throughout the EU, particularly in southern Europe, propelled exports, due to the proximity of Dutch plants. Second, Holland's processors of frozen potatoes have expanded sales to markets outside of Europe, e.g., Middle East and South America. About 90 percent of Dutch exports go to other countries in the European Union (EU).

Imports of french fries into the Netherlands have remained small, accounting for about 5 percent of total supply. From a limited base, 1998/99 imports of french fries are forecast to increase about 17 percent with an unchanged Dutch potato harvest.

## Canada

Reacting to strong domestic and foreign demand for french fries, Canadian potato farmers continue to expand planted area, particularly in the provinces of Manitoba, Alberta, and Saskatchewan. In 1998, potato production in these provinces combined increased 10 percent to 1.3 million tons, accounting for 31 percent of Canada's entire potato crop. The total Canadian

harvest for 1998 is estimated to have increased 2.6 percent to 4.2 million tons.

Canada's french fry production rose 13 percent in 1997/98 to 860,000 tons and is forecast to increase by almost 5 percent in 1998/99. The trade anticipates frozen french fry production to exceed one million metric tons by the year 2000 as processors in Canada continue to invest heavily in new potato processing plants in the western provinces.

A major U.S. french fry company, which wants to remain fully competitive with its Canadian and U.S. rivals, is building a state-of-the-art potato processing plant in Alberta. Just recently, a Canadian processor announced plans to build another potato processing plant with an annual capacity of 90,000 metric tons of frozen french fries, and will be constructed to allow for a doubling of production for future expansion.

Canadian french fry makers increasingly depend on exports for additional sales. Exports in 1997/98 increased 30 percent to a record 447,677 tons, reflecting expansion of french fry capacity in the western provinces and increased production for export at Eastern production points. Canadian exports to the United States accounted for more than 83 percent of total frozen french fry exports in MY 1997/98. Exports of french fries to the United States increased by about 37 percent over MY 1996/97 and are expected to continue at double-digit growth rates for the near future. Construction of new processing facilities, contracts to supply major U.S. fast food companies, and a lower valued Canadian dollar continue to fuel the growth in export demand. Some of the other Canadian markets include Japan, Venezuela, Brazil, Malaysia and Guatemala. An increase in exports to the Pacific Rim countries is expected given the expansion in processing capacity.

Canadian imports of U.S. frozen french fries nearly doubled in MY 1997/98, reaching more than 23,500 metric tons. Small increases are projected for the future given Canada's revisions to package size requirements, albeit tempered by

a strong U.S. dollar and increased Canadian production.

In December 1998, the Canadian Food Inspection Agency amended the regulations prescribing standard container sizes for frozen french fries by establishing a new standard container sizes between 2 and 20 kilograms. For years, U.S. exports of frozen fries faced onerous packaging size rules, which limited sales of frozen french fries to Canada's food service sector.

## Japan

Japanese production of frozen potatoes is relatively small and continues to decline as farmers focus on the more profitable fresh market. In 1997/98, less than 3 percent of Japan's total potato was processed. Hokkaido, in the northern islands of Japan, accounts for over 75 percent of the nation's fresh potato production.

Despite Japan's sluggish economy, imports of frozen french fries continue to grow at an annual growth rate of 7 to 10 percent. In 1997/98 french fry imports were 250,786 metric tons, up from the previous years level of 234,242 metric tons. Industry sources expect fast food sales will continue to grow rapidly into the 21<sup>st</sup> century, boosting imports of frozen potatoes. The United States supplied 87 percent of Japan's french fry imports. Canada held a 10-percent market share, while China and Australia accounted for 2 percent and 1 percent, respectively.

As elsewhere in the world, most french fries (nearly 90 percent) in Japan are consumed at international fast food hamburger chains, with the balance served at western style family restaurants, snack bars, and food service restaurants. Japan has more than 6,000 hamburger shops, with one international fast food chain of over 2,600 stores, consuming over 40 percent of the nation's frozen french fries, or 100,000 metric tons annually. Sales of frozen french fries are relatively small, with no significant changes in consumption patterns

expected.

**For further information on supply, distribution, trade, and U.S. marketing opportunities, contact Ted Goldammer at 202-720-8498.**

FROZEN FRENCH FRIES: PRODUCTION, SUPPLY, AND DISTRIBUTION IN SELECTED COUNTRIES

Country/ Marketing Year 1/	Beginning Stocks	Production	Imports	Total Supply and Distribution	Exports	Domestic Consumption	Ending Stocks
<b>Canada</b>							
1996/97	50,000	760,000	12,149	827,149	345,434	436,715	45,000
1997/98	45,000	860,000	27,733	932,733	447,677	440,056	45,000
1998/99 F	45,000	900,000	30,000	975,000	500,000	435,000	40,000
<b>Japan 2/</b>							
1996/97	0	32,863	234,242	267,105	0	267,105	0
1997/98	0	32,061	250,786	282,847	0	282,846	0
1998/99 F	0	32,000	270,000	302,000	0	302,000	0
<b>Netherlands 2/</b>							
1996/97	0	1,126,000	56,000	1,182,000	970,000	212,000	0
1997/98	0	1,219,000	40,000	1,259,000	1,088,000	171,000	0
1998/99 F	0	1,300,000	40,000	1,340,000	1,140,000	200,000	0
<b>United States 3/ 4/ 5/</b>							
1996/97	380,806	3,287,228	248,897	3,916,931	385,702	3,067,567	463,662
1997/98	463,662	3,272,152	338,758	4,074,572	424,848	3,176,139	473,585
1998/99 F	473,585	3,400,000	415,000	4,288,585	450,000	3,250,000	588,585
<b>TOTAL</b>							
1996/97	430,806	5,206,091	551,288	6,193,185	1,701,136	3,983,387	508,662
1997/98	508,662	5,383,213	657,277	6,549,152	1,960,525	4,070,041	518,585
1998/99 F	518,585	5,632,000	755,000	6,905,585	2,090,000	4,187,000	628,585

1/ July-June Marketing Year

2/ No published stocks data.

3/ Stocks data from the USDA/National Agricultural Statistics Service Cold Storage and Potato Stocks Reports.

4/ Export and import data from U.S. Bureau of Census with 1997/98 forecasts from industry sources.

5/ Production data from the American Frozen Food Institute with forecast for 1998/99.

**U.S. EXPORTS OF FROZEN FRENCH FIRES TO PRINCIPAL DESTINATIONS  
FOR MARKETING YEARS (JULY-JUNE)**

Countries	1992/93	1993/94	1994/95	1995/96	1996/97	1997/98
	Metric Tons					
Japan	123,736	134,450	158,699	183,767	193,482	221,144
Korea, Republic of	13,959	17,784	19,782	21,956	28,572	23,927
Hong Kong	11,260	12,812	16,592	21,136	27,419	28,102
Taiwan	7,509	9,864	11,652	15,249	21,079	22,032
Philippines	5,305	7,620	11,367	13,464	17,504	19,537
Mexico	7,508	10,791	10,115	10,327	15,385	20,647
Malaysia	4,694	7,615	10,096	11,831	13,267	12,375
Canada	5,746	7,539	7,365	11,507	12,113	23,556
Singapore	6,702	7,178	10,780	10,110	11,580	10,647
Indonesia	1,911	2,762	4,695	6,420	9,391	8,774
All Other Countries	14,213	22,114	66,297	44,170	35,910	34,107
<b>TOTAL</b>	<b>202,543</b>	<b>240,529</b>	<b>327,440</b>	<b>349,937</b>	<b>385,702</b>	<b>424,848</b>

SOURCE: Bureau of Census

## AVOCADO SITUATION IN SELECTED COUNTRIES

Selected country avocado exports in 1997/98 reached a record 219,000 metric tons, 17 percent above the previous year's shipments. Export increases from Chile, South Africa and Spain more than offset reduced shipments from Israel and Mexico. Chile's avocado exports expanded by 177 percent in 1997/98, based on a larger harvest and increased import demand in the United States. South Africa's exports increased by 111 percent and Spain's exports rose by 72 percent in 1997/98 as shipments to other European countries expanded, partly due to smaller exportable supplies from Israel and Mexico. Selected country avocado exports in 1998/99 are forecast to decrease by 2 percent to 214,000 metric tons. Although selected country avocado production is forecast to decrease by 8 percent in 1998/99, exports are not expected to decrease proportionally because of likely higher U.S. imports. U.S. exports are expected to remain unchanged at 4,000 tons.

### Mexico

Mexico remains the world's largest producer of avocados. Production for 1998/99 (August/July) is forecast at 700,000 tons, down 8 percent from the revised 1997/98 estimate, due primarily to El Niño-induced frost during the blooming period in the principal growing region in the state of Michoacán.

As of January 31, 1997, USDA's Animal Plant Health Inspection Service (APHIS) approved the importation of Mexican Hass avocados from Michoacán into 19 northeastern U.S. states and the District of Columbia from November through February, provided growers meet pest-control requirements. APHIS reports that this program has been running smoothly since November 1997, when Mexican growers first began shipping avocados to the U.S.

Mexican avocado exports to the U.S. in 1997/98 were 7,655 tons, less than the 10,000 - 15,000 originally estimated. For 1998/99, exports to the United States are forecast at 10,000 - 12,000 tons. Due to the partial lifting of the phytosanitary ban, the United States has the potential of becoming a major market for Mexican avocados. Mexican

exporters have expressed hopes of exporting 25,000 tons to the United States in the near future.

Total Mexican avocado exports in 1998/99 are forecast to increase to 44,000 tons, an increase of 29 percent from last year, due mainly to higher export-quality supplies. Canada and Central America continue to be Mexico's largest export markets. In 1997/98 exports of processed avocados increased to 15,734 tons, up 21 percent from last year and attributable to higher demand mainly from Central America.

Although Mexico permits the import of avocados, because of current prices, avocado imports are not generally competitive in Mexico. Under NAFTA, fresh avocado imports from the U.S. are subject to a U.S. \$0.066/kg duty for 1998 although this tariff is scheduled to be phased out by 2004. Imported avocados are also subject to phytosanitary and sanitary inspections by SAGAR, the Mexican Ministry of Agriculture Livestock and Rural Development.

## Chile

After Mexico and the United States, Chile has become the world's third largest avocado producer. Avocado production for the 1998/99 season (January/December) is forecast at 86,000 tons, up 5 percent from the revised estimate for last season's record crop. The revised estimate for the 1997/98 season indicates that Chilean avocado production increased to 82,000 tons, up 55 percent from the 1996/97 season. This sizable increase is not only a result of a combination of excellent weather in all growing areas and a large number of new orchards coming into production, but also due to the fact that a severe drought during the previous two seasons reduced production. Output in 1998/99 is expected to expand further to an estimated 86,000 tons as a result of additional new orchards reaching production stage.

Chile is tied with Mexico as the world's third largest avocado exporter. Chile's exports increased by 177 percent in 1997/98 and are expected to continue strong in 1998/99. Avocado exports in 1998/99 are forecast to increase to 44,000 tons, 3 percent above last year's revised shipments.

Despite continuing efforts by avocado producers and exporters to diversify markets, Chile is still overwhelmingly dependent on the U.S. market. In 1997, the United States accounted for 24 percent of Chile's avocado exports. For 1998 (first 10 months), Chilean exports to the United States reached 27,944 tons. Other important export markets are Argentina, Costa Rica, El Salvador, and Guatemala.

The Chilean Government has no subsidy or special tax incentives for avocado production.

## South Africa

Production in 1998/99 (November/October) is forecast at 75,000 tons, down 4 percent from the 1997/98 record crop of 78,350 tons. The 1997/98 avocado crop was a record due to ideal weather conditions and an increasing

percentage of trees coming into bearing or reaching maturity.

Exports for 1998/99 are forecast at 45,000 tons, down 6 percent from the 48,000 tons exported during the 1997/98 season. Exports in 1997/98 more than doubled, due to the larger production. Practically all of South Africa's exports are targeted for the European Union, with the United Kingdom, Belgium, and Switzerland being the largest markets.

## Spain

Avocado production for 1998/99 (July/June) is forecast at 50,000 tons, down 17 percent, following last year's record crop of 60,000 tons. Ideal growing conditions during 1997/98 are not expected to be repeated for 1998/99.

Exports in 1998/99 are forecast at 47,000 tons, a decrease of 14 percent from last year, due to the lower production forecast. About 97 percent of these exports are shipped to other EU countries with France, the United Kingdom and the Netherlands comprising the three largest EU markets.

Spanish domestic consumption of avocados is relatively low, about 0.3 kg. per capita. Consumption for 1998/99 is forecast at 8,000 tons and remains firm due to increasing familiarity with the product and increased availability.

## Israel

Avocado production in 1998/99 (October/September) is forecast at 55,000 tons, down 14 percent from last year's revised estimate due to excessively hot spring weather and scarce water resources.

Exports from Israel are forecast to decrease to 30,000 tons, down 14 percent from 1997/98, due to lower production and higher domestic prices vis-a-vis export prices. France remains Israel's largest export market.

## Japan

Japanese consumption of fresh avocados depends entirely on imports, since there is no domestic production. Fresh avocado consumption has been gradually increasing since being introduced in Japan in the early 1980s. Domestic consumption is forecast at 8,100 tons for the 1998/99 year, an increase of 34 percent from last year.

The U.S. and Mexico are the sole avocado suppliers to Japan. Recently, the U.S. share in the Japanese avocado market has been declining while Mexican share has been increasing, due largely to improved quality and price competitiveness of Mexican product.

## United States

Preliminary assessments for 1998/99 indicate production could approximate 140,000 tons, a decrease of 13 percent, due to unfavorable weather including an early freeze in California, and pest problems. The official 1998/99 estimate of U.S. avocado production will be available from USDA's National Agricultural Statistics Service (NASS) in July 1999.

U.S. exports of avocados for 1997/98 totaled 4,230 tons, 15 percent below the previous year's level. Higher prices in foreign markets influenced by a stronger dollar and increased domestic demand discouraged exports. Exports in 1998/99 are forecast to remain at about 4,000 tons.

U.S. avocado imports increased significantly in 1997/98 to 47,775 tons, up 76 percent above the previous year. The overwhelming majority came from Chile, over 32,900 tons or 69 percent, followed by Mexico, 7655 tons or 16 percent of the import total. Total U.S. imports in 1998/99 are likely to increase significantly to 60,000 tons, due to the expected smaller U.S. production.

The United States imports Mexican processed avocados. In 1997/98, imports increased 21 percent to 15,734 tons. Imports of processed avocados are likely to increase slightly in

1998/99 due to expected increases in imports from Mexico.

Supplemented by avocado imports, U.S. consumption in 1997/98 increased 6 percent to 205,251 tons. In 1998/99 consumption is forecast to decrease slightly to 196,000 tons, as the forecast increase in imports is not expected to compensate for the 13 percent decrease in U.S. production.

*For further information on production, supply, distribution, and trade contact Lisa Anderson, Horticultural and Tropical Products Division, (202) 720-5028. For information on U.S. marketing opportunities, contact Steve Shnitzler at (202) 720-8495.*

**AVOCADOS: PRODUCTION, SUPPLY, AND DISTRIBUTION**  
 (Metric Tons)  
**Marketing Years 1995/96 - 1998/99**

Country/ Marketing Year 1/	Production	Imports	Total Supply	Exports	Domestic Consumption	Total Distribution
<b>Chile</b>						
1995/96	51,200	0	51,200	16,700	34,500	51,200
1996/97	51,000	0	51,000	15,470	35,530	51,000
1997/98	82,000	0	82,000	42,800	39,200	82,000
1998/99 F	86,000	0	86,000	44,000	42,000	86,000
<b>Israel</b>						
1995/96	78,100	0	78,100	49,000	29,100	78,100
1996/97	79,000	0	79,000	44,000	35,000	79,000
1997/98	64,000	0	64,000	35,000	29,000	64,000
1998/99 F	55,000	0	55,000	30,000	25,000	55,000
<b>Japan</b>						
1995/96	0	4,725	4,725	0	4,725	4,725
1996/97	0	6,454	6,454	0	6,454	6,454
1997/98	0	6,039	6,039	0	6,039	6,039
1998/99 2/	0	8,100	8,100	0	8,100	8,100
<b>Mexico</b>						
1995/96	790,000	0	790,000	44,000	746,000	790,000
1996/97	838,000	0	838,000	68,000	770,000	838,000
1997/98	762,336	0	762,336	34,117	728,219	762,336
1998/99 F	700,000	0	700,000	44,000	656,000	700,000
<b>South Africa</b>						
1995/96	55,782	211	55,993	27,417	28,576	55,993
1996/97	54,000	312	54,312	22,704	31,608	54,312
1997/98	78,000	350	78,350	48,000	30,350	78,350
1998/99 F	75,000	400	75,400	45,000	30,400	75,400
<b>Spain</b>						
1995/96	40,000	2,700	42,700	31,500	11,200	42,700
1996/97	40,000	3,331	43,331	31,831	11,500	43,331
1997/98	60,000	3,560	63,560	54,878	8,682	63,560
1998/99 F	50,000	5,000	55,000	47,000	8,000	55,000
<b>TOTAL FOREIGN</b>						
1995/96	1,015,082	7,636	1,022,718	168,617	854,101	1,022,718
1996/97	1,062,000	10,097	1,072,097	182,005	890,092	1,072,097
1997/98	1,046,336	9,949	1,056,285	214,795	841,490	1,056,285
1998/99 F	966,000	13,500	979,500	210,000	769,500	979,500
<b>United States</b>						
1995/96	168,100	21,175	189,275	9,444	179,831	189,275
1996/97	171,186	27,116	198,302	5,001	193,301	198,302
1997/98	161,706	47,775	209,481	4,230	205,251	209,481
1998/99 F	140,000	60,000	200,000	4,000	196,000	200,000
<b>GRAND TOTAL</b>						
1995/96	1,183,182	28,811	1,211,993	178,061	1,033,932	1,211,993
1996/97	1,233,186	37,213	1,270,399	187,006	1,083,393	1,270,399
1997/98	1,208,042	57,724	1,265,766	219,025	1,046,741	1,265,766
1998/99 F	1,106,000	73,500	1,179,500	214,000	965,500	1,179,500

1/ Marketing Years: Israel - October/September; Chile, Japan and South Africa - Calendar Year of the second year shown; Mexico - August/July; Spain - July/June; United States - November/October.

2/ Japan - Jan. to Sept. F - Forecast

Sources: Reports from U.S. Agricultural Attaches, USDA/NASS estimates, U.S. Department of Commerce.

**U.S. EXPORTS OF AVOCADOS**  
**MARKETING YEARS (November/October) 1993/94-1997/98**  
**METRIC TONS**

Destination	1993/94	1994/95	1995/96	1996/97	1997/98
<b>North America</b>					
Canada	1,985	1,941	1,101	1,304	1,091
Mexico	0	14	13	10	5
<b>Subtotal</b>	<b>1,985</b>	<b>1,955</b>	<b>1,114</b>	<b>1,314</b>	<b>1,096</b>
<b>European Union</b>					
Belgium-Luxembourg	112	19	0	15	0
France	2195	5,207	233	104	0
Netherlands	1411	2,052	3,875	1,151	1,691
Other Countries	98	29	86	59	117
Sweden	226	507	364	39	0
United Kingdom	877	1,360	884	346	377
<b>Subtotal</b>	<b>4,919</b>	<b>9,174</b>	<b>5,442</b>	<b>1,714</b>	<b>2,185</b>
<b>Asia</b>					
Hong Kong	71	61	44	80	45
Japan	1940	2,086	2,719	1,784	750
Korea; Republic of	56	26	93	88	40
Malaysia	0	0	0	0	67
Singapore	28	0	1	2	1
Taiwan	0	0	1	3	3
Thailand	0	0	0	1	0
<b>Subtotal</b>	<b>2,095</b>	<b>2,173</b>	<b>2,858</b>	<b>1,958</b>	<b>906</b>
<b>Total</b>	<b>8,999</b>	<b>13,302</b>	<b>9,414</b>	<b>4,986</b>	<b>4,187</b>
<b>Other Countries</b>	<b>15</b>	<b>78</b>	<b>30</b>	<b>16</b>	<b>43</b>
<b>Grand Total</b>	<b>9,014</b>	<b>13,380</b>	<b>9,444</b>	<b>5,002</b>	<b>4,230</b>

Source: U.S. Bureau of the Census

**U.S. IMPORTS OF AVOCADOS**  
**MARKETING YEARS (November/October) 1993/94-1997/98**  
**METRIC TONS**

Destination	1993/94	1994/95	1995/96	1996/97	1997/98
Bahamas; The	468	246	355	688	189
Belize	0	0	0	0	14
Chile	12,040	15,526	12,911	17,451	32,903
Costa Rica	0	36	0	0	4
Dominican Republic	4,648	5,808	6,118	6,860	6,509
Ecuador	0	123	0	0	0
Honduras	0	70	0	0	0
Israel	0	0	18	16	13
Jamaica & Dep	0	2	0	0	0
Leeward-Windward Islands	0	0	0	0	5
Mexico	718	484	1,703	1,909	7,655
New Zealand	0	7	70	192	483
<b>Grand Total</b>	<b>17,874</b>	<b>22,302</b>	<b>21,175</b>	<b>27,116</b>	<b>47,775</b>

Source: U.S. Bureau of the Census

**U.S. IMPORTS OF PREPARED AVOCADOS**  
**MARKETING YEARS (November/October) 1993/94-1997/98**  
**METRIC TONS**

Destination	1993/94	1994/95	1995/96	1996/97	1997/98
Costa Rica	0	14	0	0	0
France	0	0	18	0	3
Mexico	10,031	15,121	14,899	13,016	15,734
Philippines	0	2	2	18	5
South Africa, Republic	0	12	8	0	0
<b>Grand Total</b>	<b>10,031</b>	<b>15,149</b>	<b>14,927</b>	<b>13,034</b>	<b>15,742</b>

Source: U.S. Bureau of the Census

## World Fresh Citrus Situation

Worldwide consumption and exports of citrus are forecast to decrease in 1998/99, as citrus harvests in the largest Northern Hemisphere producing countries are expected to sharply decline from the previous year. Citrus production in selected countries in the Northern Hemisphere in 1998/99 is forecast at 42.5 million metric tons, down 16 percent from last year's record harvest. Selected Northern Hemisphere country citrus exports in 1998/99 are forecast to decrease 9 percent to a 6.4 million tons, due primarily to expected smaller orange harvests in the United States, Spain, and Mexico. Significantly smaller exports of fresh oranges are expected from Spain and the United States and also lower shipments of Spanish tangerines. U.S. fresh citrus exports in 1998/99 are forecast at 942,000 tons, 20 percent below the previous year's record shipments. The amount of oranges expected to be processed by Northern Hemisphere countries in 1998/99 is forecast at 14.2 million tons, 18 percent below the previous year's record level. Less citrus is expected to be processed because of the smaller Florida orange harvest.

### **Northern Hemisphere**

Total Northern Hemisphere citrus production in 1998/99 in major producing countries is estimated at a record 42.5 million tons, down 16 percent from the record 1997/98 crop. Northern Hemisphere orange production in 1998/99 is forecast at 23 million tons, down 20 percent from 1997/98 based on decreases in the United States, Mexico, Morocco, and Spain. Tangerine production is forecast at 12.1 million tons, 14 percent below last year's output. This smaller production is due mainly to decreases in China, Spain, and Japan. Selected country grapefruit production is forecast at 3.3 million tons, down 1 percent from the previous year's output due to smaller Mexican production. Production of lemons and other citrus, mostly limes, is forecast to decrease slightly from the previous year's output.

Total fresh citrus exports in 1998/99 are forecast at 6.4 million tons, down 9 percent

from the 1997/98 volume. Decreases in Spanish orange and tangerine exports and lower shipments of U.S. oranges are expected to account for most of this decline.

### **United States**

Total citrus production in the United States in 1998/99 is forecast at 12.7 million tons, 23 percent below the previous year's record harvest. Orange production in 1998/99 is forecast at 9.2 million tons, down 27 percent from last year's output. Production is forecast to decrease in both Florida (where most of the oranges are processed) and California (where most of the oranges are for fresh consumption and export) and for most varieties of oranges. Florida orange output is down from last year's record harvest, while California production is down sharply due to adverse weather. Grapefruit production in 1998/99 is forecast at 2.4 million tons, approximately the same as last year's output.

A freeze in December in California's San Joaquin Valley severely reduced the amount of Navel and Valencia oranges and lemons harvested in that area. California's all orange crop estimate decreased by 39 percent after the freeze and this forecast is 49 percent below the previous year's output. Although California accounts for about 25 percent of total U.S. orange output, California accounts for most U.S. fresh orange exports. Total U.S. lemon production is forecast to be 10 percent lower because of the freeze.

Total U.S. citrus exports in 1998/99 are forecast at 942,000 million tons, down 20 percent from the previous year's shipments. Orange exports in 1998/99 are forecast to fall by 38 percent because of reduced supplies from California. U.S. grapefruit exports in 1998/99, on the other hand, are forecast to increase by 6 percent to about 415,000 tons.

U.S. citrus for processing in 1998/99 is forecast at 9.7 million tons, down from last year's record 12.3 million tons, based on the lower Florida orange forecast harvest.

### Mexico

Mexican citrus production is forecast at 3.8 million tons in 1998/99, 29 percent below last year's output. Unfavorably dry weather conditions during the first part of 1998 account for much of the decrease. Orange production in 1998/99 is forecast at 2.5 million tons, down 36 percent from the previous year. Tangerine production is forecast at 190,000 tons, down 31 percent from last year's production. Production of grapefruit, lemons, and limes are also forecast to decrease, 23, 48, and 1 percent, respectively.

Exports of oranges in 1998/99 are forecast at 9,000 tons, the same as the previous year. The United States is the largest export market for Mexican oranges. Mexican exporters continue to explore Asian markets such as Hong Kong and Japan.

### Spain

February 1999

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The total Spanish citrus crop for 1998/99 is estimated at 4.8 million tons, 10 percent below last year's output. Orange production is expected to decrease 13 percent and tangerines 12 percent, while lemons are forecast to increase by 7 percent. A high incidence of Tristeza in many key producing areas is the primary reason for the expected decline in orange and tangerine production.

Spain is the world's largest citrus exporter, accounting for approximately 47 percent of total Northern Hemisphere exports. Citrus exports are expected to decrease 9 percent in 1998/99 due to the smaller orange and tangerine production. The majority of Spanish citrus is exported to other European Union countries, accounting for 85 percent of total citrus exports. The bulk of these exports go to traditional markets such as Germany, France, the Netherlands, and the United Kingdom.

### Italy

Italian citrus production is forecast to decrease by 16 percent from the previous year. This would mark the third straight year of decline since 1995/96. Unusually high temperatures during the summer of 1998 adversely affected the 1998/99 orange crop, reducing it to a forecast 1.65 million tons, a 20 percent drop from the 1997/98 year.

Italian imports of citrus continue to increase, with a positive trade balance remaining only in oranges. Most Italian imports are from Morocco and other Mediterranean countries and are transshipped through other EU countries. Italy maintains a ban on imports of non-EU citrus, other than grapefruit, due to phytosanitary concerns.

### Morocco

Morocco's citrus production in 1998/99 is forecast at 1.2 million tons, a 22 percent decrease from last year's bumper harvest. This decrease is mainly due to a low point of the citrus trees' bearing cycle and problematic weather conditions during the flowering period

in some areas. The citrus crop is forecast to be down for most growing areas, especially in the Souss and Gharb areas.

Citrus exports in 1998/99 are forecast at 535,000 tons, 12 percent below the previous year's shipments, based on the smaller orange crop. The European Union accounts for most of Morocco's total orange exports. The proximity of the EU and the preferential duties to which Moroccan citrus are subject to upon entry will continue to make the EU appealing to Moroccan exporters. This market is the destination for most of Morocco's top quality citrus, while second quality oranges are increasingly directed to Eastern Europe and Russia. The East European countries are less demanding in quality and thus are supplied with fruit that would normally go to the domestic market. The large 1997/98 crop was of lower quality than normal and exports to Russia were boosted three fold, to about 23 percent of total Moroccan exports. However, the Russian financial crisis is expected to negatively affect exports in the 1998/99 season.

#### Korea

The main citrus crop in Korea is tangerines. Tangerine production in 1998/99 is forecast at 525,000 tons, 20 percent below last year's output. The reduction in production is mainly because the 1998/99 crop is considered in the off-year of the production cycle, though the sweetness and overall quality of the fruit is expected to be high.

Orange imports into Korea were liberalized on July 1, 1997, according to terms of the Record of Understanding signed between Korea and the United States under the Uruguay Round. Liberalization now means the market operates under a tariff rate quota system. In-quota orange imports in 1998 totaled 28,125 tons. The in-quota tariff rate for 1998 is 50 percent, while the out-quota rate is 79.4 percent. In May 1998, the Korean Food and Drug Administration conformed its chemical residue standards to those of the Codex Alimentarius, which has eased some of the restrictions on

citrus imports.

The weak economy has left the Korean import market weak, though the market for top-quality oranges is still strong. In 1998/99, orange imports are projected at 40,000 tons. The United States dominates the Korean orange and grapefruit import markets accounting for about 99 percent of the market.

#### Japan

Total citrus production in 1998/99 is forecast at 1.56 million tons, 21 percent below the 1997/98 output and very similar to the 1996/97 harvest. Tangerine production, which accounts for most of the citrus production, is forecast at 1.4 million tons, down 22 percent from the previous year's output. The lower production is due largely to unfavorable weather, high temperatures in spring and summer, and typhoons and heavy rain in late summer and early fall.

Japan's total citrus imports in 1998/99 are forecast to increase by 8 percent to 477,000 tons. Fresh grapefruit is expected to account for much of the increase, while other citrus will remain at approximately 1997/98 levels. U.S. grapefruit exports to Japan are expected to rise in the 1998/99 marketing year, as marketers recover from short supplies of high-quality fruit from the year before.

The United States continues to be the main supplier of oranges, grapefruit, and lemons to Japan, though the United States continues to face competition from Australia and South Africa in the fresh orange market. Suppliers in these countries tend to ship after the main growing season for U.S. oranges, but may increasingly be encroaching on the traditional sales period for California fruit. This may especially characterize 1998/99 because of the reduction in California fresh orange supplies. South Africa generally supplies Navel and Valencias to the Japanese market from July through September, while Australia ships the same product from July through November. Spain began exporting oranges to Japan for the

first time in 1997 and although sales are small, they continue to grow. Historically, Israel has been the United States' major competitor in grapefruit exports to Japan. Israeli "Sweetie", a green-skinned grapefruit variety, exports reached 23,600 tons in 1997/98, up 14 percent from the previous year.

#### China

China's citrus production in 1998/99 is forecast at 8.4 million tons, 7 percent below last year's record output. Tangerine production is forecast to decrease by 13 percent, due to drought conditions in the southern provinces, though this is still 9 percent above the 1996/97 output. Orange production is forecast to increase to 2.4 million tons, 14 percent above 1997/98.

Total citrus exports in 1998/99 are forecast at 203,000 tons, down slightly from last year's shipments due to the financial problems in many of its Asian export markets. Tangerines account for about 94 percent of China's citrus exports.

Although fresh citrus imports face phytosanitary barriers and high tariffs, substantial amounts of U.S. and South African Navel and Valencia oranges are reportedly transshipped through Hong Kong to Guangdong province, where they are sold on wholesale markets. China's official orange imports totaled 12 tons in 1996/97 and are forecast at 38 tons in 1998/99.

#### **Southern Hemisphere**

It is too early to make reliable forecasts for the Southern Hemisphere countries for the 1998/99 season (harvest in 1999).

Total citrus production in selected countries in the Southern Hemisphere in 1997/98 (harvest in 1998) is forecast at 20.4 million tons. For *Brazil*, the 1997/98 fresh orange crop forecast is unchanged from previously reported. For changes regarding processed oranges and fresh

orange consumption from last reported see orange juice feature in this circular. *South Africa's* 1997/98 orange crop is forecast to be 7 percent higher than the previous year. South Africa exports fresh citrus to the European Union, United States, the Middle East, and Asia.

*For further information on production, supply, distribution, and trade contact Mark Petry, Horticultural and Tropical Products Division, (202) 720-0897. For information on U.S. marketing opportunities, contact Ted Goldammer at (202) 720-8498.*

FRESH CITRUS: SUPPLY & UTILIZATION, SELECTED COUNTRIES  
 1996/97 - 1998/99 1/  
 (1,000 METRIC TONS)  
 TABLE 1: TOTAL CITRUS

Country/Year 3/		Production	Imports	Exports	Consumption 2/	Processed
<b>Northern Hemisphere</b>						
<b>Mediterranean Basin</b>						
<b>Cyprus</b>						
	1996/97	288	0	150	48	90
	1997/98	255	0	120	48	87
	1998/99	255	0	120	48	87
<b>Egypt</b>						
	1996/97	2,371	0	258	2,090	23
	1997/98	2,160	0	172	1,957	31
	1998/99	2,160	0	169	1,956	35
<b>Gaza</b>						
	1996/97	90	0	81	9	0
	1997/98	91	0	81	10	0
	1998/99	91	0	81	10	0
<b>Greece</b>						
	1996/97	1,169	9	437	403	338
	1997/98	1,225	4	384	500	345
	1998/99	1,000	8	340	348	320
<b>Israel</b>						
	1996/97	909	0	338	115	456
	1997/98	895	0	330	170	395
	1998/99	809	0	346	141	322
<b>Italy</b>						
	1996/97	3,331	160	220	2,269	1,002
	1997/98	3,220	172	184	1,943	1,265
	1998/99	2,690	228	162	1,789	967
<b>Morocco</b>						
	1996/97	1,194	0	456	732	6
	1997/98	1,591	0	610	853	128
	1998/99	1,235	0	535	610	90
<b>Spain</b>						
	1996/97	4,320	94	2,870	760	711
	1997/98	5,375	32	3,343	1,110	954
	1998/99	4,831	52	3,040	1,010	906
<b>Turkey</b>						
	1996/97	1,818	6	383	1,304	181
	1997/98	1,430	71	215	1,136	150
	1998/99	1,615	25	260	1,220	160
<b>Subtotal Mediterranean Basin</b>						
	1996/97	15,490	269	5,193	7,730	2,807
	1997/98	16,242	279	5,439	7,727	3,355
	1998/99	14,686	313	5,053	7,132	2,887
<b>Other Northern Hemisphere</b>						
<b>China, People's Republic of</b>						
	1996/97	7,359	12	152	6,849	370
	1997/98	9,010	26	209	8,452	375
	1998/99	8,412	38	203	7,902	345
<b>Cuba</b>						
	1996/97	732	0	70	202	460
	1997/98	750	0	55	198	497
	1998/99	770	0	55	198	517
<b>Japan</b>						
	1996/97	1,554	553	5	1,977	125
	1997/98	1,970	442	5	2,127	280
	1998/99	1,559	477	5	1,899	132

FRESH CITRUS: SUPPLY & UTILIZATION, SELECTED COUNTRIES

1996/97 - 1998/99 1/

(1,000 METRIC TONS)

TABLE 1: TOTAL CITRUS

Country/Year 3/	Production	Imports	Exports	Consumption 2/	Processed
<b>South Korea</b>					
1996/97	507	1	1	495	12
1997/98	658	1	4	641	14
1998/99	525	1	7	507	12
<b>Mexico</b>					
1996/97	5,534	19	164	4,713	676
1997/98	5,401	20	149	4,394	878
1998/99	3,841	20	153	3,119	589
<b>United States</b>					
1996/97	15,642	244	1,234	3,347	11,305
1997/98	16,352	284	1,180	3,592	11,854
1998/99	12,716	303	942	2,334	9,743
<b>Subtotal Other Northern Hemisphere</b>					
1996/97	31,328	829	1,626	17,583	12,948
1997/98	34,141	773	1,602	19,404	13,898
1998/99	27,823	839	1,365	15,959	11,338
<b>Total Northern Hemisphere</b>					
1996/97	46,818	1,098	6,819	25,313	15,755
1997/98	50,383	1,052	7,041	27,131	17,253
1998/99	42,509	1,152	6,418	23,091	14,225
<b>Southern Hemisphere</b>					
<b>Argentina</b>					
1996/97	2,351	9	348	1,250	762
1997/98	2,280	15	333	1,082	880
1998/99	NA	NA	NA	NA	NA
<b>Australia</b>					
1996/97	597	15	118	209	285
1997/98	408	18	89	149	188
1998/99	NA	NA	NA	NA	NA
<b>Brazil</b>					
1996/97	20,445	5	111	6,587	13,752
1997/98	16,613	6	95	5,626	10,898
1998/99	NA	NA	NA	NA	NA
<b>South Africa</b>					
1996/97	1,083	1	574	264	246
1997/98	1,124	1	591	269	265
1998/99	NA	NA	NA	NA	NA
<b>Total Southern Hemisphere</b>					
1996/97	24,476	30	1,151	8,310	15,045
1997/98	20,425	40	1,108	7,126	12,231
1998/99	NA	NA	NA	NA	NA
<b>Total World</b>					
1996/97	71,294	1,128	7,970	33,623	30,800
1997/98	70,808	1,092	8,149	34,257	29,484
1998/99	NA	NA	NA	NA	NA

1/ Forecast

2/ In Greece, Italy, and Spain "consumption" includes fruit withdrawn from the market under the European Union price support program.

3/ Crop years refers to harvest and marketing period, which usually begins in the fall and extends to the spring. This corresponds roughly to October-June in the Northern Hemisphere and April-December in the Southern Hemisphere. For the Southern Hemisphere, harvest occurs almost entirely during the second year shown.

FRESH CITRUS: SUPPLY & UTILIZATION, SELECTED COUNTRIES

1996/97 - 1998/99 1/

(1,000 METRIC TONS)

TABLE 2: FRESH ORANGES

Country/Year 3/	Production	Imports	Exports	Consumption 2/	Processed
<b>Northern Hemisphere</b>					
<b>Mediterranean Basin</b>					
<b>Cyprus</b>					
1996/97	165	0	80	30	55
1997/98	150	0	70	30	50
1998/99	150	0	70	30	50
<b>Egypt</b>					
1996/97	1,613	0	240	1,361	12
1997/98	1,350	0	150	1,184	16
1998/99	1,345	0	145	1,183	17
<b>Gaza 4/</b>					
1996/97	73	0	67	6	0
1997/98	73	0	67	6	0
1998/99	73	0	67	6	0
<b>Greece</b>					
1996/97	946	3	358	303	288
1997/98	985	1	321	355	310
1998/99	800	2	280	242	280
<b>Israel</b>					
1996/97	366	0	167	58	141
1997/98	397	0	140	110	147
1998/99	340	0	147	75	118
<b>Italy</b>					
1996/97	2,100	44	106	1,438	600
1997/98	2,057	55	116	1,196	800
1998/99	1,645	100	100	1,095	550
<b>Morocco</b>					
1996/97	774	0	264	504	6
1997/98	1,131	0	405	608	118
1998/99	810	0	330	397	83
<b>Spain</b>					
1996/97	2,200	70	1,200	415	595
1997/98	2,743	7	1,350	750	650
1998/99	2,390	50	1,260	650	590
<b>Turkey</b>					
1996/97	890	2	63	740	89
1997/98	740	50	50	660	80
1998/99	800	20	50	690	80
<b>Subtotal Mediterranean Basin</b>					
1996/97	9,127	119	2,545	4,855	1,786
1997/98	9,626	113	2,669	4,899	2,171
1998/99	8,353	172	2,449	4,368	1,768
<b>Other Northern Hemisphere</b>					
<b>China</b>					
1996/97	1,850	12	17	1,750	95
1997/98	2,100	26	16	2,010	100
1998/99	2,390	38	13	2,320	95
<b>Cuba</b>					
1996/97	482	0	15	114	353
1997/98	480	0	15	105	360
1998/99	480	0	15	105	360
<b>Japan</b>					
1996/97	25	171	0	194	2
1997/98	24	138	0	160	2
1998/99	23	140	0	161	2

FRESH CITRUS: SUPPLY & UTILIZATION, SELECTED COUNTRIES

1996/97 - 1998/99 1/

(1,000 METRIC TONS)

TABLE 2: FRESH ORANGES

Country/Year 3/	Production	Imports	Exports	Consumption 2/	Processed
<b>Mexico</b>					
1996/97	3,917	14	11	3,470	450
1997/98	3,900	15	9	3,256	650
1998/99	2,500	15	9	2,116	390
<b>United States 5/</b>					
1996/97	11,598	30	601	1,785	9,242
1997/98	12,662	40	645	2,067	9,980
1998/99	9,222	60	400	882	8,000
<b>Subtotal Other Northern Hemisphere</b>					
1996/97	17,872	227	644	7,313	10,142
1997/98	19,166	219	685	7,598	11,092
1998/99	14,615	253	437	5,584	8,847
<b>Total Northern Hemisphere</b>					
1996/97	26,999	346	3,189	12,168	11,928
1997/98	28,792	332	3,354	12,497	13,263
1998/99	22,968	425	2,886	9,952	10,615
<b>Southern Hemisphere</b>					
<b>Argentina</b>					
1996/97	841	2	102	611	130
1997/98	770	6	95	551	130
1998/99	NA	NA	NA	NA	NA
<b>Australia</b>					
1996/97	559	12	114	190	267
1997/98	369	15	85	129	170
1998/99	NA	NA	NA	NA	NA
<b>Brazil</b>					
1996/97	18,972	0	98	5,410	13,464
1997/98	15,014	0	82	4,325	10,607
1998/99	NA	NA	NA	NA	NA
<b>South Africa 6/</b>					
1996/97	834	1	406	240	189
1997/98	864	1	415	245	205
1998/99	NA	NA	NA	NA	NA
<b>Total Southern Hemisphere</b>					
1996/97	21,206	15	720	6,451	14,050
1997/98	17,017	22	677	5,250	11,112
1998/99	NA	NA	NA	NA	NA
<b>Total World</b>					
1996/97	48,205	361	3,909	18,619	25,978
1997/98	45,809	354	4,031	17,747	24,375
1998/99	NA	NA	NA	NA	NA

1/ Forecast

2/ In Greece, Italy, and Spain "consumption" includes fruit withdrawn from the market under the European Union price support program

3/ Crop years refers to harvest and marketing period, which usually begins in the fall and extends to the spring. This corresponds roughly to October-June in the northern Hemisphere and April-December in the Southern Hemisphere. For the Southern Hemisphere, harvest occurs almost entirely during the second year shown.

4/ Tangerine production is small and is included with oranges

5/ Includes Temptles

6/ Includes small quantities of tangerines

**FRESH CITRUS: SUPPLY & UTILIZATION, SELECTED COUNTRIES**  
**1996/97 - 1998/99 1/**  
**(1,000 METRIC TONS)**  
**TABLE 3: FRESH TANGERINES**

Country/Year 3/		Production	Imports	Exports	Consumption 2/	Processed
<b>Northern Hemisphere</b>						
<b>Mediterranean Basin</b>						
<b>Egypt</b>						
	1996/97	448	0	7	438	3
	1997/98	460	0	10	445	5
	1998/99	460	0	10	445	5
<b>Greece</b>						
	1996/97	76	0	27	42	7
	1997/98	82	0	28	51	3
	1998/99	70	0	25	40	5
<b>Israel</b>						
	1996/97	112	0	39	30	43
	1997/98	117	0	47	28	42
	1998/99	109	0	46	32	31
<b>Italy</b>						
	1996/97	500	44	68	408	68
	1997/98	533	60	50	438	105
	1998/99	450	65	45	385	85
<b>Morocco 4/</b>						
	1996/97	384	0	192	192	0
	1997/98	430	0	205	215	10
	1998/99	390	0	200	183	7
<b>Spain</b>						
	1996/97	1,600	2	1,224	295	70
	1997/98	1,970	2	1,460	300	212
	1998/99	1,737	2	1,237	300	215
<b>Turkey</b>						
	1996/97	450	0	123	282	45
	1997/98	365	0	80	249	36
	1998/99	400	0	100	260	40
<b>Subtotal Mediterranean Basin</b>						
	1996/97	3,570	46	1,680	1,687	236
	1997/98	3,957	62	1,880	1,726	413
	1998/99	3,616	67	1,663	1,645	388
<b>Other Northern Hemisphere</b>						
<b>China</b>						
	1996/97	5,509	0	135	5,099	275
	1997/98	6,910	0	193	6,442	275
	1998/99	6,022	0	190	5,582	250
<b>Cuba</b>						
	1996/97	6	0	0	6	0
	1997/98	6	0	0	6	0
	1998/99	6	0	0	6	0
<b>Japan 5/</b>						
	1996/97	1,428	7	5	1,310	120
	1997/98	1,834	7	5	1,561	275
	1998/99	1,439	7	5	1,314	127
<b>South Korea</b>						
	1996/97	507	1	1	495	12
	1997/98	658	1	4	641	14
	1998/99	525	1	7	507	12
<b>Mexico</b>						
	1996/97	279	0	3	249	27
	1997/98	275	0	3	245	27
	1998/99	190	0	2	169	19

FRESH CITRUS: SUPPLY & UTILIZATION, SELECTED COUNTRIES

1996/97 - 1998/99 1/

(1,000 METRIC TONS)

TABLE 3: FRESH TANGERINES

Country/Year 3/	Production	Imports	Exports	Consumption 2/	Processed
<b>United States 6/</b>					
1996/97	540	39	23	309	247
1997/98	443	35	25	268	185
1998/99	375	45	18	252	150
<b>Subtotal Other Northern Hemisphere</b>					
1996/97	8,269	47	167	7,468	681
1997/98	10,126	43	230	9,163	776
1998/99	8,557	53	222	7,830	558
<b>Total Northern Hemisphere</b>					
1996/97	11,839	93	1,847	9,155	917
1997/98	14,083	105	2,110	10,889	1,189
1998/99	12,173	120	1,885	9,475	946
<b>Southern Hemisphere</b>					
<b>Argentina</b>					
1996/97	410	1	38	343	30
1997/98	300	1	25	240	36
1998/99	NA	NA	NA	NA	NA
<b>Brazil 7/</b>					
1996/97	693	4	10	517	170
1997/98	745	4	10	569	170
1998/99	NA	NA	NA	NA	NA
<b>Total Southern Hemisphere</b>					
1996/97	1,103	5	48	860	200
1997/98	1,045	5	35	809	206
1998/99	NA	NA	NA	NA	NA
<b>Total World</b>					
1996/97	12,942	98	1,895	10,015	1,117
1997/98	15,128	110	2,145	11,698	1,395
1998/99	NA	NA	NA	NA	NA

1/ Forecast

2/ In Greece, Italy, and Spain "consumption" includes fruit withdrawn from the market under the European Union price support program.

3/ Crop years refers to harvest and marketing period, which usually begins in the fall and extends to the spring. This corresponds roughly to October-June in the Northern Hemisphere and April-December in the Southern Hemisphere. For the Southern Hemisphere, harvest occurs almost entirely during the second year shown.

4/ Clementines only

5/ Mainly satsumas (also called mandarin or unshu mikan, but also including mandarin hybrids).

6/ Includes tangelos which account for about half of combined tangerine and tangelo production. Export and import data include mandarins.

7/ State of Sao Paulo only, which apparently accounts for over half of Brazil's production. About 120,000 tons of tangerines, which are processed, are included in the orange table.

FRESH CITRUS: SUPPLY & UTILIZATION, SELECTED COUNTRIES

1996/97 - 1998/99 1/

(1,000 METRIC TONS)

TABLE 4: FRESH GRAPEFRUIT

Country/Year 3/	Production	Imports	Exports	Consumption 2/	Processed
<b>Northern Hemisphere</b>					
<b>Mediterranean Basin</b>					
<b>Cyprus</b>					
1996/97	90	0	50	10	30
1997/98	80	0	40	10	30
1998/99	80	0	40	10	30
<b>Gaza</b>					
1996/97	9	0	7	2	0
1997/98	9	0	7	2	0
1998/99	9	0	7	2	0
<b>Israel</b>					
1996/97	408	0	125	13	270
1997/98	352	0	137	12	203
1998/99	336	0	147	18	171
<b>Italy</b>					
1996/97	3	36	3	36	0
1997/98	3	28	2	29	0
1998/99	3	28	1	30	0
<b>Turkey</b>					
1996/97	75	1	51	18	7
1997/98	55	1	35	17	4
1998/99	65	0	40	20	5
<b>Subtotal Mediterranean Basin</b>					
1996/97	585	37	236	79	307
1997/98	499	29	221	70	237
1998/99	493	28	235	80	206
<b>Other Northern Hemisphere</b>					
<b>Cuba</b>					
1996/97	230	0	55	70	105
1997/98	250	0	40	75	135
1998/99	270	0	40	75	155
<b>Japan</b>					
1996/97	0	281	0	281	0
1997/98	0	218	0	218	0
1998/99	0	250	0	250	0
<b>Mexico</b>					
1996/97	222	1	2	187	34
1997/98	235	1	2	199	35
1998/99	180	1	2	154	25
<b>United States</b>					
1996/97	2,620	13	480	758	1,395
1997/98	2,382	15	392	761	1,244
1998/99	2,373	13	415	740	1,231
<b>Subtotal Other Northern Hemisphere</b>					
1996/97	3,072	295	537	1,296	1,534
1997/98	2,867	234	434	1,253	1,414
1998/99	2,823	264	457	1,219	1,411
<b>Total Northern Hemisphere</b>					
1996/97	3,657	332	773	1,375	1,841
1997/98	3,366	263	655	1,323	1,651
1998/99	3,316	292	692	1,299	1,617

**FRESH CITRUS: SUPPLY & UTILIZATION, SELECTED COUNTRIES**

1996/97 - 1998/99 1/

(1,000 METRIC TONS)

**TABLE 4 : FRESH GRAPEFRUIT**

Country/Year 3/	Production	Imports	Exports	Consumption 2/	Processed
<b>Southern Hemisphere</b>					
<b>Argentina</b>					
1996/97	229	6	30	180	25
1997/98	230	8	38	175	25
1998/99	NA	NA	NA	NA	NA
<b>South Africa</b>					
1996/97	173	0	133	10	30
1997/98	180	0	140	10	30
1998/99	NA	NA	NA	NA	NA
<b>Total Southern Hemisphere</b>					
1996/97	402	6	163	190	55
1997/98	410	8	178	185	55
1998/99	NA	NA	NA	NA	NA
<b>Total World</b>					
1996/97	4,059	338	936	1,565	1,896
1997/98	3,776	271	833	1,508	1,706
1998/99	NA	NA	NA	NA	NA

1/ Forecast

2/ In Greece, Italy, and Spain "consumption" includes fruit withdrawn from the market under the European Union price support program.

3/ Crop years refers to harvest and marketing period, which usually begins in the fall and extends to the spring. This corresponds roughly to October-June in the Northern Hemisphere and April-December in the Southern Hemisphere. For the Southern Hemisphere, harvest occurs almost entirely during the second year shown.

**FRESH CITRUS: SUPPLY & UTILIZATION, SELECTED COUNTRIES**  
**1996/97 - 1998/99 1/**  
**(1,000 METRIC TONS)**  
**TABLE 5: FRESH LEMONS**

Country/Year 3/		Production	Imports	Exports	Consumption 2/	Processed
<b>Northern Hemisphere</b>						
<b>Mediterranean Basin</b>						
<b>Cyprus</b>						
	1996/97	33	0	20	8	5
	1997/98	25	0	10	8	7
	1998/99	25	0	10	8	7
<b>Gaza</b>						
	1996/97	8	0	7	1	0
	1997/98	9	0	7	2	0
	1998/99	9	0	7	2	0
<b>Greece</b>						
	1996/97	147	6	52	58	43
	1997/98	158	3	35	94	32
	1998/99	130	6	35	66	35
<b>Israel</b>						
	1996/97	17	0	2	13	2
	1997/98	20	0	1	17	2
	1998/99	17	0	1	15	1
<b>Italy</b>						
	1996/97	714	36	43	387	320
	1997/98	612	29	16	280	345
	1998/99	580	35	16	279	320
<b>Morocco</b>						
	1996/97	22	0	0	22	0
	1997/98	20	0	0	20	0
	1998/99	20	0	0	20	0
<b>Spain</b>						
	1996/97	508	22	444	50	36
	1997/98	647	23	530	60	80
	1998/99	690	0	540	60	90
<b>Turkey</b>						
	1996/97	401	3	100	264	40
	1997/98	270	20	50	210	30
	1998/99	350	5	70	250	35
<b>Subtotal Mediterranean Basin</b>						
	1996/97	1,850	67	668	803	446
	1997/98	1,761	75	649	691	496
	1998/99	1,821	46	679	700	488
<b>Other Northern Hemisphere</b>						
<b>Japan</b>						
	1996/97	2	94	0	96	0
	1997/98	2	79	0	81	0
	1998/99	2	80	0	82	0
<b>Mexico</b>						
	1996/97	20	1	0	1	20
	1997/98	21	1	0	1	21
	1998/99	11	1	0	1	11
<b>United States</b>						
	1996/97	869	14	126	338	419
	1997/98	848	29	114	320	443
	1998/99	731	35	105	301	360

**FRESH CITRUS: SUPPLY & UTILIZATION, SELECTED COUNTRIES**

1996/97 - 1998/99 1/

(1,000 METRIC TONS)

**TABLE 5: FRESH LEMONS**

Country/Year 3/	Production	Imports	Exports	Consumption 2/	Processed
<b>Subtotal Other Northern Hemisphere</b>					
1996/97	891	109	126	435	439
1997/98	871	109	114	402	464
1998/99	744	116	105	384	371
<b>Total Northern Hemisphere</b>					
1996/97	2,741	176	794	1,238	885
1997/98	2,632	184	763	1,093	960
1998/99	2,565	162	784	1,084	859
<b>Southern Hemisphere</b>					
<b>Argentina</b>					
1996/97	871	0	178	116	577
1997/98	980	0	175	116	689
1998/99	NA	NA	NA	NA	NA
<b>Australia</b>					
1996/97	38	3	4	19	18
1997/98	39	3	4	20	18
1998/99	NA	NA	NA	NA	NA
<b>Brazil 4/</b>					
1996/97	73	0	1	0	72
1997/98	75	1	1	0	75
1998/99	NA	NA	NA	NA	NA
<b>South Africa</b>					
1996/97	76	0	35	14	27
1997/98	80	0	36	14	30
1998/99	NA	NA	NA	NA	NA
<b>Total Southern Hemisphere</b>					
1996/97	1,058	3	218	149	694
1997/98	1,174	4	216	150	812
1998/99	NA	NA	NA	NA	NA
<b>Total World</b>					
1996/97	3,799	179	1,012	1,387	1,579
1997/98	3,806	188	979	1,243	1,772
1998/99	NA	NA	NA	NA	NA

1/ Forecast

2/ In Greece, Italy, and Spain, "consumption" includes fruit withdrawn from the market under the European Union price support program.

3/ Crop years refers to harvest and marketing period, which usually begins in the fall and extends to the spring. This corresponds roughly to October-June in the Northern Hemisphere and April-December in the Southern Hemisphere. For the Southern Hemisphere, harvest occurs almost entirely during the second year shown. The harvest of lemons usually begins earlier and often extends throughout the year.

4/ State of Sao Paulo only.

FRESH CITRUS: SUPPLY & UTILIZATION, SELECTED COUNTRIES

1996/97 - 1998/99 1/

(1,000 METRIC TONS)

TABLE 6: OTHER CITRUS

Country/Year 3/	Production	Imports	Exports	Consumption 2/	Processed
<b>Northern Hemisphere</b>					
<b>Mediterranean Basin</b>					
<b>Egypt 4/</b>					
1996/97	310	0	11	291	8
1997/98	350	0	12	328	10
1998/99	355	0	14	328	13
<b>Israel</b>					
1996/97	6	0	5	1	0
1997/98	9	0	5	3	1
1998/99	7	0	5	1	1
<b>Italy 5/</b>					
1996/97	14	0	0	0	14
1997/98	15	0	0	0	15
1998/99	12	0	0	0	12
<b>Morocco</b>					
1996/97	14	0	0	14	0
1997/98	10	0	0	10	0
1998/99	15	0	5	10	0
<b>Spain 6/</b>					
1996/97	12	0	2	0	10
1997/98	15	0	3	0	12
1998/99	14	0	3	0	11
<b>Subtotal Mediterranean Basin</b>					
1996/97	356	0	18	306	32
1997/98	399	0	20	341	38
1998/99	403	0	27	339	37
<b>Other Northern Hemisphere</b>					
<b>Cuba 4/</b>					
1996/97	14	0	0	12	2
1997/98	14	0	0	12	2
1998/99	14	0	0	12	2
<b>Japan 7/</b>					
1996/97	99	0	0	96	3
1997/98	110	0	0	107	3
1998/99	95	0	0	92	3
<b>Mexico 8/</b>					
1996/97	1,096	3	148	806	145
1997/98	970	3	135	693	145
1998/99	960	3	140	679	144
<b>United States 8/</b>					
1996/97	15	148	4	157	2
1997/98	17	165	4	176	2
1998/99	15	150	4	159	2
<b>Subtotal Other Northern Hemisphere</b>					
1996/97	1,224	151	152	1,071	152
1997/98	1,111	168	139	988	152
1998/99	1,084	153	144	942	151
<b>Total Northern Hemisphere</b>					
1996/97	1,580	151	170	1,377	184
1997/98	1,510	168	159	1,329	190
1998/99	1,487	153	171	1,281	188

FRESH CITRUS: SUPPLY & UTILIZATION, SELECTED COUNTRIES

1996/97 - 1998/99 1/

(1,000 METRIC TONS)

TABLE 6: OTHER CITRUS

Country/Year 3/	Production	Imports	Exports	Consumption 2/	Processed
<b>Southern Hemisphere</b>					
<b>Brazil 9/</b>					
1996/97	707	1	2	660	46
1997/98	779	1	2	732	46
1998/99	NA	NA	NA	NA	NA
<b>Total Southern Hemisphere</b>					
1996/97	707	1	2	660	46
1997/98	779	1	2	732	46
1998/99	NA	NA	NA	NA	NA
<b>Total World</b>					
1996/97	2,287	152	172	2,037	230
1997/98	2,289	169	161	2,061	236
1998/99	NA	NA	NA	NA	NA

1/ Forecast

2/ In Greece, Italy, and Spain, "consumption" includes fruit withdrawn from the market under the European Union price support program.

3/ Crop years refers to harvest and marketing period, which usually begins in the fall and extends to the spring. This corresponds roughly to October-June in the Northern Hemisphere and April-December in the Southern Hemisphere. For the Southern Hemisphere, harvest occurs almost entirely during the second year shown. The harvest of limes usually begins earlier and often extends throughout the year.

4/ Mostly limes but some sour oranges and other varieties.

5/ Mostly bergamots.

6/ Sour oranges.

7/ Summer oranges (Natsu mikan or natsu daidai, a hybrid of mandarin with sour orange or pomelo).

8/ Limes

9/ Limes, states of Sao Paulo only, which apparently accounts for roughly 80 percent of Brazil's lime production.

**Table 1**  
**U.S. EXPORTS OF FRESH ORANGES AND TEMPLES**  
**MARKETING YEARS 1993/94 - 1997/98**  
**METRIC TONS**

Destination	1993/94	1994/95	1995/96	1996/97	1997/98
Canada	188,551	178,854	176,012	201,007	201,981
Hong Kong	124,417	128,098	101,408	139,162	175,464
Japan	158,170	168,591	124,446	124,748	129,218
Taiwan	21,186	22,211	14,945	18,383	27,557
South Korea	1,637	15,029	23,479	31,978	26,505
Singapore	15,675	18,282	16,196	20,024	20,353
Malaysia	12,236	14,968	16,970	21,401	20,140
Australia	6,265	7,018	8,919	10,348	11,213
New Zealand	4,352	6,448	4,698	6,310	7,754
Mexico	901	1,949	3,474	5,218	6,318
Philippines	7,587	6,574	7,832	9,384	4,588
Russian Federation	1,386	1,167	2,588	3,794	4,381
China	144	463	478	127	3,196
Ecuador	474	132	44	36	717
Indonesia	2,265	3,257	3,180	4,776	586
Other Countries	2,795	3,075	3,727	4,241	5,054
<b>Grand Total</b>	<b>548,041</b>	<b>576,116</b>	<b>508,396</b>	<b>600,937</b>	<b>645,025</b>

Marketing year from November - October.

**Table 2**  
**U.S. EXPORTS OF FRESH GRAPEFRUIT**  
**MARKETING YEARS 1993/94 - 1997/98**  
**METRIC TONS**

Destination	1993/94	1994/95	1995/96	1996/97	1997/98
<b>Japan</b>	250,229	246,310	242,518	221,979	171,839
<b>Canada</b>	74,378	77,472	72,102	72,757	55,347
<b>France</b>	39,454	43,428	54,680	48,817	49,956
<b>Netherlands</b>	26,469	33,908	47,857	38,751	32,239
<b>United Kingdom</b>	9,985	12,484	9,652	18,471	20,245
<b>Belgium-Luxembourg</b>	15,849	9,934	11,201	13,679	19,644
<b>Taiwan</b>	18,567	21,629	23,236	26,298	17,195
<b>Germany</b>	8,861	15,250	14,686	15,953	13,928
<b>Hong Kong</b>	2,459	4,163	10,170	8,061	2,989
<b>South Korea</b>	7,589	15,219	5,416	5,331	1,186
<b>Other Countries</b>	4,869	6,087	8,432	10,201	7,853
<b>Grand Total</b>	458,709	485,884	499,950	480,299	392,421

Marketing year from September - August.

**Table 3**  
**U.S. EXPORTS OF FRESH LEMONS**  
**MARKETING YEARS 1993/94 - 1997/98**  
**METRIC TONS**

Destination	1993/94	1994/95	1995/96	1996/97	1997/98
<b>Japan</b>	81,215	89,202	86,516	81,475	71,039
<b>Canada</b>	22,051	22,025	24,087	25,483	22,876
<b>Hong Kong</b>	8,623	8,685	8,894	9,862	10,464
<b>South Korea</b>	2,827	3,308	2,555	3,859	2,339
<b>Australia</b>	1,184	1,452	1,533	1,034	2,309
<b>Russian Federation</b>	760	536	706	884	1,083
<b>Singapore</b>	410	395	505	814	1,075
<b>New Zealand</b>	308	765	532	562	763
<b>Netherlands</b>	158	270	1,167	214	476
<b>Mexico</b>	163	435	687	834	351
<b>Other Countries</b>	3,845	1,904	3,673	1,226	1,006
<b>Grand Total</b>	121,544	128,976	130,856	126,247	113,780

Marketing year from August - July.

## Orange Juice Outlook for Selected Countries

Orange juice production in the major Northern Hemisphere producing countries in 1998/99 is forecast at 1.0 million metric tons, 65 degrees brix, 20 percent below the previous year's record output. The United States and Mexico account for most of the reduction in orange juice output, due to smaller orange harvests. Northern Hemisphere orange juice exports in 1998/99 are forecast to decrease 13 percent to 237,000 tons, based on significantly lower Mexican exports. U.S. exports in 1998/99 are forecast to approximate the previous year's record shipments, as stocks are expected to be drawn down to offset lower production. U.S. orange juice exports reached a record 105,586 tons in 1997/98, slightly above the previous year's shipments.

### **Summary: Northern Hemisphere**

Orange juice production in 1998/99 in selected producing countries in the Northern Hemisphere is forecast to decrease by 20 percent to 1.0 million metric tons (65 degrees brix). All of the selected major orange juice producing countries are expected to have lower production.

Total orange juice exports in 1998/99 for selected countries in the Northern Hemisphere are forecast at 237,000 tons, 13 percent below the previous year's shipments. Mexico is expected to account for most of the decline in exports.

### **United States**

U.S. orange juice production in 1998/99 is forecast at 880,000 metric tons, 20 percent below last season's output. Fewer oranges will be processed in 1998/99, as a result of a smaller orange harvest in Florida. The Florida frozen concentrate orange juice (FCOJ) yield is forecast at 1.57 gallons (42 degrees brix) per box.

U.S. orange juice exports in 1998/99 are forecast at 105,000 tons, roughly the same as the past two years. Major U.S. customers are the European Union (EU), Canada, Japan, and Korea.

Imports of FCOJ in 1998/99 are forecast at

250,000 tons, up 15 percent from the previous year. Brazilian owned processing plants in Florida are importing Brazilian FCOJ (65 degree brix) into Florida and re-exporting from the U.S. "not from concentrate" juice as single strength (42 degree brix), a higher quality juice product. This trend is likely to continue.

Ending stocks in 1998/99 are forecast to decrease significantly as stocks are drawn down to offset the lower juice production.

### **Mexico**

Mexico's orange juice production in 1998/99 is forecast at 33,000 tons, 50 percent below last year's output due to the smaller availability of oranges for processing. FCOJ production in Mexico depends heavily on the international price of FCOJ. Lower domestic orange production and current relatively low international FCOJ prices will make it difficult for processors to compete with the fresh market for the smaller orange harvest.

Mexico's orange juice exports in 1998/99 are forecast at 30,000 tons, down 52 percent from shipments in 1997/98. The United States is the main market for Mexican FCOJ, with Japan and the European Union also important customers.

Under NAFTA, Mexico has access to the United States market for 40 million gallons of FCOJ, single strength equivalent (or 28,452 tons, 65 degrees brix) at a duty of 4.625 cents per liter. Beyond the 40 million gallon level, and up to 70 million gallons SSE, the full NAFTA rate for 1999 of 7.862 cents per liter is applied. If snapback price conditions are not in effect, the NAFTA rate would continue to be applied beyond the 70 million gallon level. However, if price conditions are in snapback, the full MFN rate, currently, 8.08 cents per liter for 1999, would be assessed on all imported volumes beyond the 70 million gallon threshold. This basic mechanism will remain in effect during the 15-year phase-in period agreed upon in the NAFTA negotiations, although the quantity trigger level will be increased to 90 million gallons SSE in the year 2003.

### Spain

Spain's orange juice production in 1998/99 is forecast at 38,000 tons, 10 percent below the 1997/98 level. A decrease in deliveries to processors is expected due to a smaller orange harvest. Oranges used in Spain to produce juice are mainly those that cannot be marketed for fresh consumption. Most orange processing plants in Spain are located in the Valencia region.

Orange juice exports in 1998/99 are forecast at 60,000 tons, 6 percent below the previous year's shipments, based on the smaller harvest. The bulk of Spain's orange juice exports go to traditional export markets in the European Union, such as France, Germany, and the United Kingdom. Strong competition from Brazil, Israel, and other key producing Mediterranean countries represent the principal obstacles to the expansion of Spanish citrus juice exports to third countries.

### Italy

Orange juice production in Italy is forecast to decrease by 9 percent in 1998/99. The lower orange juice production is the result of a smaller orange crop and less fruit available for processing. Both imports and exports are expected to remain stable, at 4,000 and 20,000 tons, respectively.

There is a growing demand in Italy for 100 percent pure, not from concentrate juice. Pure juice in small packages and fresh squeezed juice available at snack bars continue to be popular drinks.

### Greece

Greece's orange juice production in 1998/99 is forecast at 14,400 tons, 9 percent below last year's record production. Production of concentrated orange juice in Greece encounters strong competition from imported frozen Brazilian product. Greece's orange juice exports, which are mainly destined to Eastern Europe, are forecast at 5,500 tons in 1998/99, 15 percent below last year's shipments.

### Morocco

Moroccan orange juice production is forecast to decrease slightly to 9,500 tons in 1998/99. In 1996/97 citrus processing was down to the lowest level in 10 years, with only 2 percent of the crushing capacity being used. High fresh citrus prices in the local market and failure to appeal to producers caused the largest processor to close its mills temporarily. In 1997/98 however, the citrus situation changed dramatically as production began to recover. FRUMAT, Morocco's main juice producer, became the outlet for farmers who faced low prices because of the bumper harvest. The quality was also too low for the fresh market or export.

Orange juice exports in 1998/99 are forecast at 8,000 tons, 33 percent above last year's shipments. Morocco's orange juice is normally exported to the European Union, mainly France and Germany.

### Japan

Japan's imports of orange juice in 1998/99 are forecast at 90,000 tons, 8 percent below last year's revised imports. Although fruit juice beverages compete heavily with other low-calorie beverages, organic fruit and vegetable juices are extremely popular. Companies such as Kirin Tropicana and Zenno currently market various types of organic fruit juice. Japanese juice processors are expected to follow suit in

the future.

Brazil is the major supplier to Japan, accounting for an average of 70 percent of total Japanese imports of orange juice, while the United States ranks second with a 24 percent market share.

Japanese imports of single strength orange juice (SSOJ), although small compared to FCOJ, have increased significantly in recent years. Imports of SSOJ are expected to continue strong as consumers show a growing preference for more natural and fresh orange juice taste. The United States is the main supplier of Japan's imports of SSOJ.

#### Korea

Korean orange juice imports in 1998/99 are forecast at 45,000 tons. The onset of the recent economic crisis has reduced consumer demand for juice drinks. On July 1, 1997, orange juice imports were liberalized based on a Record of Understanding (ROU) signed between Korea and the United States on Agricultural Market Access in the Uruguay Round. It states that "Orange juice shall be liberalized by July 1, 1997, with nothing but a bound 60 percent duty remaining." Brazil is the main supplier of orange juice to Korea, followed by the United States.

#### **Major Producers in the Southern Hemisphere**

It is too early to make reliable forecasts for Southern Hemisphere countries for 1998/99 (1999 harvest).

#### Brazil

The U.S. Agricultural Attaché estimates the São Paulo's 1998 orange crop (marketed in 1998/99) at 320 million 40.8 kilo boxes, unchanged from previously reported. However, Brazil's 1998/99 (marketing year 1997/98 in the supply and utilization tables) orange juice production forecast has been increased by 15 percent to 1.07 million tons, based on a higher volume of oranges delivered for processing than earlier expected. Brazil's 1998/99 orange juice export forecast was increased by 13 percent to

1.18 million tons based on stronger than expected shipments to date. Ending stocks are expected to be lower because of the lower production estimate and higher exports.

*For further information on production, supply, distribution, and trade contact Mark Petry, Horticultural and Tropical Products Division, (202) 720-0897. For information on U.S. marketing opportunities, contact Ted Goldammer at (202) 720-8498.*

**Table 1**  
**ORANGE JUICE: SUPPLY & UTILIZATION, MAJOR PRODUCING**  
**COUNTRIES IN NORTHERN HEMISPHERE**  
**METRIC TONS, 65 DEGREES BRIX 1/**

Country/Year 2/		Begin. Stocks	Production	Imports	Exports	Consumption	Ending Stocks
<b>Greece</b>	<b>3/</b>						
1995/1996		5,374	12,900	6,000	3,600	17,000	3,674
1996/1997		3,674	14,800	10,200	6,330	18,000	4,344
1997/1998		4,344	15,900	7,500	6,500	18,500	2,744
1998/1999	F	2,744	14,400	7,000	5,500	18,000	644
<b>Italy</b>	<b>4/</b>						
1995/1996		26,317	36,936	3,386	20,623	23,085	22,931
1996/1997		22,931	33,858	4,309	15,390	23,855	21,854
1997/1998		21,854	33,858	3,848	20,007	23,855	15,698
1998/1999	F	15,698	30,780	3,848	20,007	23,855	6,464
<b>Mexico</b>	<b>4/</b>						
1995/1996		3,000	45,000	1	42,000	3,001	3,000
1996/1997		3,000	45,500	1	42,300	3,201	3,000
1997/1998		3,000	66,000	1	62,000	4,001	3,000
1998/1999	F	3,000	33,000	1	30,000	3,001	3,000
<b>Morocco</b>	<b>5/</b>						
1995/1996		3,607	10,206	1,000	7,762	2,195	4,856
1996/1997		4,856	568	1,952	2,860	1,284	3,232
1997/1998		3,232	12,700	1,000	6,000	537	10,395
1998/1999	F	10,395	9,500	600	8,000	1,290	11,205
<b>Spain</b>	<b>6/</b>						
1995/1996		0	59,000	23,000	67,000	15,000	0
1996/1997		0	39,000	34,000	58,000	15,000	0
1997/1998		0	42,000	41,000	64,000	19,000	0
1998/1999	F	0	38,000	42,000	60,000	20,000	0
<b>Turkey</b>	<b>5/</b>						
1995/1996		3,911	8,420	6,608	7,810	9,200	1,929
1996/1997		1,929	8,900	10,492	8,953	10,000	2,368
1997/1998		2,368	8,000	10,000	8,000	10,300	2,068
1998/1999	F	2,068	8,000	10,000	8,500	10,500	1,068

**Table 1**  
**ORANGE JUICE: SUPPLY & UTILIZATION, MAJOR PRODUCING**  
**COUNTRIES IN NORTHERN HEMISPHERE**  
**METRIC TONS, 65 DEGREES BRIX 1/**

Country/Year 2/	Begin. Stocks	Production	Imports	Exports	Consumption	Ending Stocks
<b>United States 7/</b>						
1995/1996	201,297	904,060	185,480	92,127	986,743	211,967
1996/1997	211,967	1,022,136	182,466	105,024	1,034,139	277,406
1997/1998	277,406	1,105,357	216,687	105,586	1,174,491	319,373
1998/1999 F	319,373	880,000	250,000	105,000	1,160,000	184,373
<b>Total</b>						
1995/1996	243,506	1,076,522	225,475	240,922	1,056,224	248,357
1996/1997	248,357	1,164,762	243,420	238,857	1,105,479	312,204
1997/1998	312,204	1,283,815	280,036	272,093	1,250,684	353,278
1998/1999 F	353,278	1,013,680	313,449	237,007	1,236,646	206,754

1/ Includes all processed orange juice whether or not concentrated. One metric ton of 65 degrees brix equals 344.8 gallons at 42 degrees brix and 1,405.88 gallons at single strength equivalent.

2/ Year refers to marketing period which usually begins in the fall for the Northern Hemisphere and corresponds to the harvesting and marketing period for fresh citrus.

3/ Marketing season begins September 1 of first year shown.

4/ Marketing season begins January 1 of second year shown.

5/ Marketing season begins October 1 of first year shown.

6/ Marketing season begins November 1 of first year shown.

7/ Marketing season begins December 1 of first year shown

F/ Forecast

Source: National Agricultural Statistics Service and U.S. Department of Commerce, Bureau of Census.  
 Florida Department of Citrus. Reports from U.S. Agricultural Counselors and Attachés and/or  
 FAS/USDA estimates.

**Table 2**  
**ORANGE JUICE: SUPPLY & UTILIZATION, MAJOR PRODUCING**  
**COUNTRIES IN SOUTHERN HEMISPHERE**  
**METRIC TONS, 65 DEGREES BRIX 1/**

Country/Year 2/		Begin. Stocks	Production	Imports	Exports	Consumption	Ending Stocks
<b>Argentina</b>	<b>3/</b>						
1995/1996		0	10,000	8,589	2,403	16,000	186
1996/1997		186	10,000	9,848	2,000	17,834	200
1997/1998		200	12,000	9,500	2,500	18,700	500
1998/1999		NA	NA	NA	NA	NA	NA
<b>Australia</b>	<b>4/</b>						
1995/1996		16,015	22,918	21,662	1,939	42,000	16,656
1996/1997		16,656	20,397	25,000	1,500	44,000	16,553
1997/1998		16,553	12,987	31,000	1,000	43,000	16,540
1998/1999		NA	NA	NA	NA	NA	NA
<b>Brazil</b>	<b>4/ 5/</b>						
1995/1996		172,000	1,152,000	0	1,181,000	17,000	126,000
1996/1997		126,000	1,390,000	0	1,265,000	15,500	235,500
1997/1998		235,500	1,068,000	0	1,178,000	15,500	110,000
1998/1999		NA	NA	NA	NA	NA	NA
<b>South Africa</b>	<b>6/</b>						
1995/1996		1,210	16,940	0	1,670	14,980	1,500
1996/1997		1,500	14,553	0	2,465	13,588	0
1997/1998		0	15,785	0	1,380	14,405	0
1998/1999		NA	NA	NA	NA	NA	NA
<b>Total</b>							
1995/1996		189,225	1,201,858	30,251	1,187,012	89,980	144,342
1996/1997		144,342	1,434,950	34,848	1,270,965	90,922	252,253
1997/1998		252,253	1,108,772	40,500	1,182,880	91,605	127,040
1998/1999		NA	NA	NA	NA	NA	NA

1/ Includes all processed orange juice whether or not concentrated. One metric ton of 65 degrees brix equals 344.8 gallons at 42 degrees brix and 1,405.88 gallons at single strength equivalent.

2/ Marketing year indicated is for aggregation purposes with countries from the Northern Hemisphere corresponding to the harvesting and marketing period for fresh citrus. For the Southern Hemisphere, orange harvest occurs entirely during the second year shown.

3/ Marketing season begins January 1 of second year shown.

4/ Marketing season begins July 1 of second year shown.

5/ Includes small quantities of tangerine juice.

6/ Marketing season begins February 1 of second year shown.

Source: National Agricultural Statistics Service and U.S. Department of Commerce, Bureau of Census.  
 Florida Department of Citrus. Reports from U.S. Agricultural Counselors and Attachés and/or  
 FAS/USDA estimates.

**Table 3**  
**BRAZIL: SUPPLY AND DISTRIBUTION OF ORANGES AND FCOJ 1/**

	1995	1996	1997	1998 F
Million Boxes 2/				
<b>Oranges, Sao Paulo</b>				
<b>Production 3/</b>	357	366	420	320
<b>Fresh Consumption</b>	92	95	98	63
<b>Fresh Exports</b>	2	2	2	2
<b>Processed</b>	263	269	320	255
<b>FCOJ, Brazil</b> 1,000 Metric Tons, 65 Degrees Brix 4/				
<b>Beginning Stocks 5/</b>	155	172	126	236
<b>Production</b>				
<b>Sao Paulo</b>	1,062	1,122	1,353	1,050
<b>Other States</b>	23	30	37	18
<b>Total</b>	1,085	1,152	1,390	1,068
<b>Exports 6/</b>				
<b>Sao Paulo</b>	1,027	1,151	1,228	1,160
<b>Other States</b>	23	30	37	18
<b>Total</b>	1,050	1,181	1,265	1,178
<b>Consumption</b>	18	17	16	16
<b>Ending Stocks</b>	172	126	236	110
<b>FCOJ Yields (kg/box)</b>	4.04	4.16	4.21	4.11

1/ Harvesting and processing usually begin in late April or early May. Marketing season for FCOJ begins on July 1 of year indicated.

2/ 40.8 kilograms or 90 pounds.

3/ Includes oranges produced in Sao Paulo's commercial citrus zone, plus tangerines used for processing.

4/ One metric ton at 65 degrees Brix equals 344.8 gallons at 42 degrees Brix, or 1,405.88 gallons at single strength equivalent.

5/ Sao Paulo stocks.

6/ Includes tangerine juice.

F Forecast

**Table 4**  
**U.S. EXPORTS OF ORANGE JUICE**  
**MARKETING YEARS 1993/94 - 1997/98**  
**METRIC TONS, 65 DEGREES BRIX 1/**

<b>Destination</b>	<b>1993/94</b>	<b>1994/95</b>	<b>1995/96</b>	<b>1996/97</b>	<b>1997/98</b>
<b>North America</b>					
Canada	18,360	22,719	24,839	28,440	31,581
Mexico	508	251	613	656	1,038
<b>Subtotal</b>	<b>18,868</b>	<b>22,970</b>	<b>25,452</b>	<b>29,095</b>	<b>32,619</b>
<b>European Union</b>					
France	7,852	8,028	18,469	13,045	1,675
Belgium/Luxembourg	6,612	7,811	4,550	8,516	21,816
Netherlands	4,649	13,234	11,557	18,017	15,470
UK	4,358	4,445	4,055	3,162	2,039
Greece	457	271	211	260	204
Germany	558	783	470	564	666
Sweden	916	854	219	196	50
Other	1811.981	474.0877	421.286	495.509	356.8342
<b>Subtotal</b>	<b>27,212</b>	<b>35,900</b>	<b>39,952</b>	<b>44,256</b>	<b>42,277</b>
<b>Other Western Europe</b>					
Norway	2,061	1,415	871	484	170
Other	134	233	56	10,172	6,048
<b>Subtotal</b>	<b>2,195</b>	<b>1,648</b>	<b>927</b>	<b>10,656</b>	<b>6,218</b>
<b>East Asia</b>					
Japan	13,805	4,726	11,183	10,023	12,846
South Korea	4,951	3,880	4,104	4,107	2,179
Hong Kong	1,501	2,502	2,382	1,051	478
Taiwan	1,822	1,740	1,122	612	345
Other	684.3549	1327.934	1242.061	536.4726	466.5715
<b>Subtotal</b>	<b>22,764</b>	<b>14,176</b>	<b>20,034</b>	<b>16,331</b>	<b>16,315</b>
<b>Other Countries</b>	<b>4,506</b>	<b>8,853</b>	<b>5,762</b>	<b>4,686</b>	<b>8,157</b>
<b>Grand Total</b>	<b>75,545</b>	<b>83,547</b>	<b>92,127</b>	<b>105,024</b>	<b>105,586</b>

1/ Data includes both frozen concentrate and single strength orange juice.

**Table 5**  
**U.S. IMPORTS OF ORANGE JUICE**  
**MARKETING YEARS 1993/94 - 1997/98**  
**METRIC TONS, 65 DEGREES BRIX 1/**

<b>Origins</b>	<b>1993/94</b>	<b>1994/95</b>	<b>1995/96</b>	<b>1996/97</b>	<b>1997/98</b>
<b>Brazil</b>	243,445	73,448	132,473	110,925	137,581
<b>Mexico</b>	31,160	50,258	32,984	36,065	49,265
<b>Costa Rica</b>	2,864	4,850	5,909	14,814	19,282
<b>Belize</b>	5,901	5,733	6,845	13,395	5,675
<b>Honduras</b>	1,952	4,080	4,056	5,001	2,896
<b>Other Countries</b>	2,643	2,803	3,212	2,266	1,988
<b>Grand Total</b>	287,965	141,173	185,480	182,466	216,687

1/ Data includes both frozen concentrate and single strength orange juice.

## Processed Tomato Products Situation and Outlook in Selected Countries

Production of tomato paste in selected foreign countries in 1998/99 is forecast at 1.4 million, up 17 percent from 1997/98. The EU countries accounted for the biggest gains in output. Canned tomato pack for the same period in 7 selected foreign countries is forecast at 2.0 million tons, up 25 percent from the previous year. Italy accounted for 85 percent of the total selected foreign country output. Tomato paste exports from selected countries (including the United States) in 1998/99 are forecast at 1.09 million tons, up 7 percent from last season, due mostly to expected increases in shipments from Turkey, Greece and Italy. U.S. exports of tomato paste in 1998/99 are forecast at 100,000 tons, down 26 percent from a record 1997/98, because of lower exports to Canada and Asian countries (mainly Japan and Korea). Canned tomato exports from selected countries (including the United States) in 1998/99 are forecast at 846,100 tons, up 2 from 1997/98, due largely to expected higher exports from France, Greece and Italy. U.S. exports of canned tomatoes in 1998/99 are forecast to match the previous years total of 38,000 tons. Canada remains the largest U.S. market for canned tomatoes. During the first 5 months of 1998/99, U.S. exports to Japan totaled nearly 5,000 tons, up 184 percent for the same period from a year ago.

Table 1: Production of Processing Tomatoes in Selected Countries

Country	1994	1995	1996	1997	1998
----1,000 Metric tons----					
North America					
United States	10,471	10,230	10,350	9,047	9,521
Mexico	350	200	250	300	310
Total	10,821	10,430	10,600	9,347	9,831
South America					
Brazil	878	930	680	1,000	950
Chile	745	902	962	742	867
Total	1,623	1,832	1,642	1,742	1,817
Western Mediterranean					
Italy	3,500	3,450	4,150	3,520	4,000
Greece	1,145	1/	1,200	1,350	1,245
Spain	1,211	907	1,254	981	1,359
Portugal	865	831	905	772	987
France	277	287	284	286	314
Total	6,998	6,675	7,943	6,804	8,020
Eastern Mediterranean					
Turkey	1,225	2,080	1,850	1,080	1,850
Israel	254	315	256	176	293
Total	1,479	2,395	2,106	1,256	2,143
Total Mediterranean	8,477	9,070	10,039	8,060	10,163
Grand Total	20,921	21,332	22,2919	19,149	21,811

1/ Includes approximately 20,000 tons diverted to the fresh market.

## Summary

Production of processing tomatoes in 11 major producing countries in 1998 is estimated at 21.8 million metric tons, up 14 percent from the previous season. With the exception of Brazil (where unexpectedly high carryover stocks and reduced acreage lowered output), production in all other selected countries registered increases above 1997. Good weather, higher market prices and stronger international demand were the major factors for the increases in the 10 other selected countries.

Production of tomato paste in selected countries, not including the United States, in 1998/99 is estimated at 1.4 million tons, up 16 percent from the previous season. The EU countries accounted for 60 percent of the total production.

Exports of tomato paste from the selected countries, excluding the United States, in 1998/99 are estimated at 991,000 tons, up 12 percent from 1997/98. Italy, Greece, Turkey and Portugal accounted for most of the increase, as well as 81 percent of all exports. Exports of tomato paste from the United States in 1997/98 totaled a record 135,000 tons, up 5 percent from the previous season.

Canned tomato output in 1998/99 in 7 producing countries, not including the United States, is estimated at 2.0 million tons, up 25 percent from the weather reduced crops in 1997/98. Italy accounts for the bulk of this increase. There are no available statistics for canned production in the United States, but total output is believed to be the largest in the world.

## Western Hemisphere

In the United States, production of processing tomatoes under contract in 1998 estimated earlier at 9.5 million tons, remains unchanged, and up 5 percent from 1997.

In marketing year 1997/98 (July-June), U.S. exports of tomato products--canned tomatoes, tomato paste, tomato sauce and ketchup--totaled 305,508 tons,

valued at \$235 million, up 5 percent in volume and 3 percent in value from the previous year. U.S. exports of canned tomatoes declined 17 percent in 1997/98, due mostly to reduced shipments to Japan and Korea, caused by the Asian financial situation.

U.S. imports of processed tomato products--canned tomatoes, tomato sauce, tomato paste and ketchup--in 1997/98 totaled 128,000 tons, up 15 percent from the previous year, due mainly to increased imports of ketchup from Canada and canned tomatoes from mainly Italy and Spain. U.S. imports of canned tomatoes from Italy were up 13 percent from 1996/97, and 117 percent from 1995/96. This was the year prior to the U.S. elimination of the 100 percent punitive duty on EU canned tomatoes imposed in response to the EU/U.S. beef hormone dispute.

In Mexico, production of tomatoes for processing in 1998/99 has been revised upward to 310,000 tons, from 250,000 tons forecast earlier, due mainly to increased domestic use for tomato paste and strong export demand for fresh tomatoes.

Tomato paste production in Mexico in 1998/99 (March to February), forecast earlier at 42,000 tons, remains unchanged, but up 20 percent from the previous year. The primary markets for Mexican tomato paste are the United States and South America.

In Brazil, production of tomatoes for processing in 1998 has been revised downward to 950,000 tons from 1.05 million tons forecast earlier, due mainly to a decline in production area caused by some farmers switching from tomatoes to more profitable crops, such as, grapes, bananas, guavas, etc. Production of tomato paste (used to make consumer-ready sauces and other such products) in Brazil in 1998 has also been revised downward to 87,000 tons from 107,000 tons forecast earlier. Brazil's tomato paste exports in 1998/99 are also reduced to 5,500 tons from 10,150 tons forecast earlier, and down 50 percent from 1997/98.

In Chile, production of tomatoes for processing in 1998 has been increased from 790,000 tons to

867,000 tons, up 17 percent from the previous year. This increase was largely the result of favorable export demand, improved technology and the relative profitability of tomatoes compared to other crops.

Brazil is Chile's largest export market for tomato paste, followed by Argentina, Japan, Venezuela, and Colombia; while, the United States remains Chile's largest export market for canned tomatoes.

## Mediterranean Area

Production of tomatoes for processing in 1998 in major producing countries in the European Union (EU) remains unchanged at 6.8 million tons, down 4 percent from 1997.

In Italy, production of tomatoes for processing in 1998 has been revised upward to 4.0 million tons from 3.5 million tons forecast earlier, due mainly to increased export demand for canned tomatoes, tomato paste and tomato sauce. Production of canned tomatoes in 1998 was increased from 1.47 millions to 1.7 million tons, due mostly to increased deliveries of fruit to processors. This increase in Italy's canned pack will further contribute to its chronically high stock situation, which may be overly inflated. Tomato paste production for the same period has also been revised upward from 270,000 tons to 300,000 tons, due to increased deliveries to processors.

Canned tomato exports in 1998 estimated at 700,000 tons remain unchanged from an earlier forecast, but up 3 percent from the revised volume in 1997. The tomato paste export forecast for 1998 have been increased from 260,000 tons to 280,000 tons, also because of higher deliveries.

In Portugal, production of processing tomatoes in 1998 has been revised to 987,000 tons, up 1 percent from an earlier forecast, and up 28 percent from 1997. The increase was due largely to farmers shifting areas formerly planted to corn into tomato production because of higher prices received for tomato products. Tomato paste production accounts for the bulk of Portugal's processed production. In 1998, paste production was lowered to 150,000 tons from 165,000 tons forecast earlier, due mostly

to wet weather conditions causing some farmers to replant.

The tomato paste export forecast for Portugal in 1998 have also been lowered to 127,500 tons from 140,000 tons forecast earlier, because of reduced production. The EU countries accounts for the bulk of Portugal's total tomato paste exports, followed by Japan and Saudi Arabia as the other most important markets. Portuguese tomato paste exports in 1999 are expected to remain strong because of continued demand in the EU and other countries.

In Greece, production of tomatoes for processing in 1998 has been increased 8 percent to 1.4 million tons from 1.3 million tons forecast earlier. Output was increased because of higher tomato paste prices, ranging from \$760 to \$1,000 per ton, compared with previous year. Tomato paste, passata and juice accounts for about 92 percent of Greek total processing production. In 1998, tomato paste quality was reported fair to average. Canned tomato production in 1998 was lowered slightly to 30,800 tons from 31,000 tons reported earlier, due largely to the poor quality of tomatoes delivered to the processors.

The EU countries continue to be the largest export market for Greek tomato products, as well as the major source of almost all tomato product imports into Greece (mainly from Italy).

In Spain, production of tomatoes for processing in 1998 has been revised to 1.3 million tons from 1.0 million tons, due mainly to increased area planted to tomatoes for processing. Canned tomato production in 1998 has been increased to 212,500 tons from 175,500 tons reported earlier, as a results of increased deliveries of fruit to processors and higher domestic demand. Tomato paste production in 1998 has also been revised to 145,000 tons from 132,000 tons forecast earlier, due to increased deliveries to processors.

In 1998, Spanish exports of canned tomatoes remain the same as previously reported at 70,000 tons, and down 6 percent from 1997. The EU countries account for the bulk of Spain's canned tomato exports.

In Turkey, production of tomatoes for processing in 1998, forecast earlier at 1.8 million tons, remain unchanged, but down 64 percent from 1997. Reportedly, favorable weather during the summer and fall last year prevented a repeat of the 1997 fungus and weather problems. Tomato paste production during the same period was revised upwards to 300,000 tons from 290,000 tons reported earlier, due mainly to improved yields caused by good weather conditions during the growing season.

The Turkish tomato paste export forecast for 1998 has been increased to 180,000 tons from 175,000 tons forecast earlier, due mainly to a larger crop. In 1997, Turkish tomato paste exports were adversely affected by a weather reduced crop. As a result, Turkey imported 10,000 tons of tomato paste, mostly from China and Greece, in order to fulfill its export contracts. In 1997, Russia, Ukraine, Japan, Saudi Arabia and the EU countries were Turkey's leading markets for tomato paste exports. Currently, the EU is not permitting Turkey to utilize its 38,400 tons of duty free tariff-rate-quota for tomato paste exports, because of Turkey's ban on imports of EU beef and cattle due to Bovine Spongiform Encephalopathy (BSE) fears.

In France, production of processing tomatoes in 1998 has been revised upward to 314,000 tons from 300,000 tons forecast earlier, because of increased deliveries to processors. Fresh tomato deliveries to processors included 240,000 tons for tomato paste, 28,000 tons for canned whole peeled tomatoes and 46,000 tons for other products. Production of tomato paste in 1998 has been revised to 41,000 tons from 38,500 tons reported earlier, due mostly increased deliveries of fruit to processors. The forecast for French canned tomato production in 1998 has been lowered to 20,000 tons from 22,000 tons forecast earlier.

France is a net importer of both canned tomatoes and tomato paste, with bulk of all imports coming from EU countries, mainly Italy and Spain.

In Israel, production of processing tomatoes in 1998 forecast earlier at 293,000 tons, remains unchanged due to the lack of available data. Production of tomato paste in Israel in 1998 is estimated at 34,000

tons, up significantly from 1997.

Canned tomato products in Israel include: whole and diced peeled tomatoes, tomato paste and puree, tomato juice, ketchup and pizza sauces. Most Israeli tomato processors produce the full range of tomato products.

*For information on production, please contact Emanuel McNeil at (202) 720-2083, and on trade contact Steve Shnitzler at (202) 720-8495.*

Table 2: Canned Tomatoes <sup>1/</sup> Production, Supply, and Distribution in Selected Countries

Marketing Year <sup>2/</sup>	Beginning Stock	Production	Imports	Supply Distribution	Exports	Domestic Consumption	Ending Stock
----Metric tons, net weight----							
<b>France</b>							
1996/97	4,344	19,078	96,258	119,680	3,652	109,028	7,000
1997/98	7,000	18,812	88,023	113,835	6,921	100,914	6,000
1998/99	6,000	20,000	88,000	114,000	7,500	100,000	6,500
<b>Greece</b>							
1996/97	1,489	25,490	11,640	38,619	8,530	29,000	1,089
1997/98	1,089	30,721	11,000	42,810	10,000	30,000	2,810
1998/99	2,810	30,800	11,000	44,610	11,000	30,500	3,110
<b>Italy</b>							
1996/97	0	1,768,000	7,000	1,775,000	681,000	840,000	254,000
1997/98	254,000	1,350,000	8,000	1,612,000	676,000	845,000	91,000
1998/99	91,000	1,700,000	7,000	1,798,000	700,000	840,000	258,000
<b>Spain</b>							
1996/97	16,000	226,200	160	242,360	67,300	165,000	10,060
1997/98	10,060	162,300	350	172,710	74,500	97,800	410
1998/99	410	212,500	300	213,210	70,000	143,010	200
<b>Brazil</b>							
1996/97	1,595	2,655	3,700	7,950	0	7,950	0
1997/98	0	2,000	9,005	11,005	138	8,325	2,542
1998/99	2,542	3,570	3,050	9,162	60	8,660	442
<b>Chile</b>							
1996/97	933	24,780	0	25,713	13,038	3,300	9,375
1997/98	9,375	6,400	0	15,775	8,532	3,300	3,943
1998/99	3,943	6,285	0	10,228	6,540	3,300	388
<b>Israel</b>							
1996/97	3,200	16,940	100	20,240	11,055	8,935	250
1997/98	250	18,000	0	18,250	12,225	6,025	0
1998/99Est.	0	20,000	200	20,200	13,000	7,200	0
<b>Total</b>							
1996/97	27,561	2,083,143	118,858	2,229,562	784,575	1,163,213	281,774
1997/98	281,774	1,588,233	116,378	1,986,385	788,316	1,091,364	106,705
1998/99	106,705	1,993,155	109,550	2,209,410	808,100	1,132,670	268,640

Source: U.S. Agricultural Attaché Reports. 1/ Includes whole peeled, and/or wedged, diced, crushed, and other non-concentrated products. 2/ Marketing Years are July-June with the exception of France's which is August-July, and Brazil's which is May-April. Note: For calendar year reference, MY 1997/98 would become CY1997.

Table 3: Tomato Paste Production, Supply, And Distribution In Selected Countries

Marketing Year <sup>1/</sup>	Beginning Stock	Production	Imports	Supply Distribution	Exports	Domestic Consumption	Ending Stock
---Metric tons, net weight 2/---							
France							
1996/97	3,314	37,291	45,373	85,978	4,538	77,000	4,440
1997/98	4,440	38,514	41,111	84,065	7,325	75,500	1,240
1998/99	1,240	41,000	43,000	85,240	6,500	75,000	3,740
Greece							
1996/97	59,807	234,000	4,262	298,069	260,000	14,000	24,069
1997/98	24,069	204,000	4,000	232,069	210,000	14,500	7,569
1998/99	7,569	225,000	4,000	236,569	215,000	15,000	6,569
Italy							
1996/97	45,000	345,000	65,000	455,000	226,000	150,000	79,000
1997/98	79,000	280,000	84,000	443,000	270,000	74,000	99,000
1998/99	99,000	300,000	65,000	464,000	280,000	72,000	112,000
Portugal							
1996/97	1,000	162,832	0	163,832	112,459	25,832	25,541
1997/98	25,541	135,350	0	160,891	114,136	39,255	7,500
1998/99	7,500	150,000	0	157,500	127,500	25,000	5,000
Spain							
1996/97	9,000	144,500	12,000	165,500	39,100	87,600	38,800
1997/98	38,800	131,000	9,000	178,800	50,500	87,300	41,000
1998/99	41,000	144,600	5,000	190,600	50,000	92,600	48,000
Total EU							
1996/97	118,121	923,623	126,635	1,168,379	642,097	354,432	171,850
1997/98	171,850	788,864	138,111	1,098,825	651,961	290,555	156,309
1998/99	156,309	860,600	117,000	1,133,909	679,000	279,600	175,309
Turkey							
1996/97	39,250	290,000	0	329,250	191,630	108,000	29,620
1997/98	29,620	185,000	10,004	224,624	114,300	103,000	7,324
1998/99	7,324	300,000	0	307,324	180,000	108,000	19,324
Chile							
1996/97	3,877	120,485	0	124,362	102,166	11,650	10,546
1997/98	10,546	95,200	0	105,746	89,577	11,650	4,519
1998/99	4,519	101,998	0	106,517	92,850	11,660	2,007
Mexico							
1996/97	0	23,500	2,500	26,000	12,200	13,800	0
1997/98	0	35,000	6,000	41,000	12,000	29,000	0
1998/99	0	42,000	6,000	48,000	13,000	35,000	0
Brazil							
1996/97	30,920	73,000	26,234	130,154	19,240	108,000	2,914
1997/98	2,914	101,750	70,377	175,041	10,788	120,000	44,253
1998/99	44,253	86,600	3,700	134,553	5,500	124,200	4,853
Israel							
1996/97	3,200	27,260	920	31,380	17,725	10,900	2,755
1997/98	2,755	18,000	605	21,360	9,000	11,720	640
1998/99Est.	640	34,000	1,000	35,640	21,000	14,500	140
Grand Total							
1996/97	195,368	1,457,868	156,289	1,809,525	985,058	606,782	217,685
1997/98	217,685	1,223,814	225,097	1,666,596	887,626	565,925	213,045
1998/99	213,045	1,425,198	127,700	1,765,943	991,350	572,960	201,633

Source: U.S. Agricultural Attaché Reports. 1/ Marketing Year July-June with the exception of France's which is August-July, Brazil's which is May-April, Mexico's which is March-February, and Turkey's which is September-August. 28-30 Percent TSS Basis. Note: For calendar year reference, 1997/98 MY becomes 1997 CY.

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Table 4: United States 1/ Exports of Canned Tomatoes, Paste, Ketchup, and Tomato Sauce

Commodity/ Country	1994/95	1995/96	1996/97	1997/98	Forecast 1998/98
----Metric tons----					
<b>Canned Tomatoes:</b>					
Canada	17,342	19,571	22,787	24,328	na
Japan	8,802	11,432	11,198	6,359	na
Korea, Rep.	439	920	2,181	382	na
Mexico	388	69	1,052	1,944	na
Australia	600	641	429	256	na
Hong Kong	250	230	348	124	na
Singapore	260	228	215	487	na
Others	1,945	3,161	7,346	3,774	na
Total	30,026	36,251	45,556	37,654	38,000
<b>Tomato Paste:</b>					
Canada	47,971	45,326	50,160	46,397	na
Japan	10,450	12,354	9,965	14,543	na
Korea, Rep.	1,862	5,908	7,502	10,634	na
Italy	6,361	5,255	8,451	28,877	na
Dominican Rep.	2	3,918	2,963	116	na
Haiti	2,219	2,615	3,631	3,247	na
Taiwan	2,600	2,444	1,239	1,839	na
Philippines	4,003	1,470	2,456	5,058	na
Colombia	461	1,112	1,228	17	na
Australia	121	721	1,118	1,622	na
Mexico	2,513	258	5,195	5,307	na
Others	11,323	6,260	35,083	17,698	na
Total	89,886	87,641	128,991	135,355	100,000
<b>Tomato Sauce:</b>					
Canada	46,193	47,644	52,684	63,569	na
Mexico	5,507	2,374	4,054	5,757	na
Japan	5,471	5,594	4,773	4,265	na
United Kingdom	4,978	1,866	1,776	1,586	na
Netherlands	1,405	986	1,243	1,250	na
Korea, Rep.	904	1,529	777	1,840	na
Saudi Arabia	953	1,017	952	1,443	na
Kuwait	341	940	723	610	na
Others	6,693	9,123	9,452	11,855	na
Total	72,445	71,073	76,434	92,175	100,000
<b>Ketchup:</b>					
Canada	5,666	6,545	4,890	6,771	na
Mexico	3,223	3,052	4,842	3,474	na
Japan	10,117	11,629	9,815	9,403	na
Korea, Rep.	7,389	1,151	670	453	na
Hong Kong	5,062	4,586	4,641	3,458	na
Saudi Arabia	1,513	1,768	1,228	1,243	na
Others	8,890	11,279	14,452	15,522	na
Total	41,860	40,010	40,538	40,324	45,000

1/ Marketing Year July-June. Source: U.S. Department of Commerce, Bureau of the Census.

Table 5: United States Imports of Canned Tomatoes <sup>1/</sup>

Country	1993/94	1994/95	1995/96	1996/97	1997/98
----Metric tons----					
<b>European Union:</b>					
Italy	16,961	24,166	23,119	44,155	50,134
Spain	5,816	6,410	2,878	7,092	8,351
Others	55	0	376	136	165
Total	22,832	30,576	26,373	51,383	58,650
<b>Other Countries:</b>					
Canada	1,716	808	4,627	7,057	6,142
Israel	11,810	10,792	19,892	5,339	6,729
Chile	11,541	16,190	12,314	4,431	2,554
Morocco	361	4,648	599	740	1,170
Turkey	2,020	817	1,182	1,111	515
Brazil	411	68	0	0	0
All Others	501	807	1,627	1,211	930
Grand Total	51,192	64,706	66,614	71,272	76,690

1/ Marketing Year July-June. Source: U.S. Department of Commerce, Bureau of the Census.

Note: The above statistics include the following (HTS) Harmonized Tariff Schedule commodity codes: 2002900050, 2002100020, 2002100040, 2002100050, and 2002100090.

Table 6: United States Imports of Tomato Sauce <sup>1/</sup>

Country	1993/94	1994/95	1995/96	1996/97	1997/98
----Metric tons----					
<b>Canada</b>					
Canada	2,982	3,172	4,679	4,976	5,385
Dominican Rep.	827	2,124	1,522	1,641	1,266
Italy	200	489	217	504	821
Chile	289	0	0	0	0
All Others	799	629	865	530	494
Grand Total	5,097	6,414	7,283	7,651	7,876

1/ Marketing Year July-June. Source: U.S. Department of Commerce, Bureau of the Census.

Note: The above statistics include the following HTS (Harmonized Tariff Schedule) commodity codes: 2103204020 and 2103204040.

Table 7: United States Imports of Tomato Paste and Puree <sup>1/</sup>

Country	1993/94	1994/95	1995/96	1996/97	1997/98
----Metric tons----					
Mexico	28,428	7,985	8,004	7,381	8,411
Chile	6,576	4,395	4,334	667	492
Canada	5,346	9,646	6,242	387	225
Italy	1,352	1,385	957	1,091	752
Israel	1,330	2,825	3,675	4,440	1,180
Spain	1,308	86	84	139	17
All Others	1,859	898	338	1,196	152
Grand Total	46,199	27,220	23,634	15,301	11,229

<sup>1/</sup> Marketing Year July-June. Source: U.S. Department of Commerce, Bureau of the Census.  
Note: The above statistics include the following HTS (Harmonized Tariff Schedule) commodity codes: 2002900010, 2002900030, and 2002900040.

Table 8: United States Imports of Ketchup 1/

Country	1993/94	1994/95	1995/96	1996/97	1997/98
----Metric tons----					
Canada	397	10,347	18,186	17,097	31,786
Chile	0	0	0	0	0
All Others	17	10	10	40	28
Grand Total	414	10,357	18,196	17,132	31,814

<sup>1/</sup> Marketing Year July-June. Source: U.S. Department of Commerce, Bureau of the Census.  
Note: The above statistics include the following HTS (Harmonized Tariff Schedule) commodity code: 2103202000.

U.S. Exports of Selected Horticultural Products

Product and Country		Quantity					Values (1000 Dollars)					
		Country Region	Nov FY 1998	Nov FY 1999	Oct-Nov FY 1998	Oct-Nov FY 1999	Oct-Sep FY 1998	Nov FY 1998	Nov FY 1999	Oct-Nov FY 1998	Oct-Nov FY 1999	Oct-Sep FY 1998
Fresh Apples	MT											
European Union		4,268	8,061	5,786	10,528	28,666	2,404	4,418	3,288	5,973	18,270	
Canada		8,977	6,100	16,821	13,128	95,465	6,233	3,989	11,872	8,457	71,982	
Mexico		201	962	623	1,878	62,471	122	630	347	1,178	34,847	
Hong Kong		2,937	2,581	6,212	8,048	48,660	1,871	1,334	3,826	4,815	26,812	
Taiwan		11,695	18,658	35,115	44,852	113,877	7,219	11,828	23,541	28,908	71,314	
Other Countries		43,954	36,372	60,657	59,603	189,941	23,954	18,421	33,529	30,545	104,672	
Subtotal:----		72,032	72,734	125,214	138,037	539,081	41,803	40,619	76,402	79,876	327,896	
Fresh Pears	MT											
European Union		6,846	3,770	8,441	4,766	19,864	2,964	2,528	3,755	2,931	9,219	
Canada		5,814	5,218	15,403	12,712	46,122	3,971	3,722	9,221	8,790	30,093	
Mexico		2,989	4,493	6,763	9,272	47,275	1,486	2,377	3,387	4,878	24,641	
Brazil		8,174	2,430	14,908	7,493	15,331	3,062	1,629	6,175	4,537	6,472	
Taiwan		274	708	1,248	1,274	4,286	129	367	567	679	2,136	
Other Countries		5,859	4,230	9,574	6,292	24,120	3,223	2,303	5,281	3,576	14,413	
Subtotal:----		29,955	20,849	56,336	41,809	156,996	14,835	12,927	28,386	25,390	86,973	
Fresh Apricots	MT											
Canada		13	14	13	39	3,719	20	16	20	42	4,364	
Mexico		44	17	44	55	1,967	34	22	34	51	1,553	
Hong Kong		90	0	90	0	201	60	0	60	0	198	
Taiwan		70	0	472	63	664	86	0	493	61	741	
Japan		0	0	15	4	193	0	0	29	12	175	
Other Countries		4	69	19	93	234	7	83	15	102	613	
Subtotal:----		222	100	653	254	6,980	207	121	651	267	7,642	
Fresh Cherries	MT											
European Union		560	506	1,165	1,566	11,466	435	334	913	1,032	23,900	
Canada		15	13	29	15	6,754	34	29	60	34	13,420	
Hong Kong		36	0	36	0	3,172	22	0	22	0	8,194	
Taiwan		18	0	103	0	5,959	40	0	437	0	17,925	
Japan		0	56	70	383	9,080	0	116	307	1,094	47,269	
Other Countries		36	73	55	172	1,161	89	164	132	333	3,327	
Subtotal:----		665	648	1,458	2,136	37,591	621	644	1,871	2,494	114,035	
Fresh Peach/Nect	MT											
Canada		46	56	449	900	39,959	57	54	468	918	38,047	
Mexico		379	228	2,096	1,631	15,755	220	163	1,247	1,282	7,589	
Colombia		0	19	28	192	695	0	14	16	380	647	
Hong Kong		85	0	126	0	2,418	53	0	94	0	1,967	
Taiwan		35	18	102	345	17,817	72	6	198	492	23,243	
Other Countries		7	97	117	359	3,343	8	90	122	452	3,047	
Subtotal:----		551	418	2,918	3,427	79,987	411	326	2,144	3,523	74,540	
Fr. Plums/Prunes	MT											
European Union		17	29	143	321	2,065	19	30	133	339	3,748	
Canada		28	348	810	1,760	19,910	46	345	803	1,706	20,968	
Mexico		45	379	360	1,770	4,041	28	228	240	1,131	2,562	
Hong Kong		10	299	103	1,496	7,964	12	312	152	1,591	7,965	
Taiwan		51	0	139	427	9,932	55	0	147	331	9,201	
Other Countries		256	305	744	1,454	4,943	207	262	695	1,287	4,721	
Subtotal:----		408	1,360	2,298	7,228	48,855	367	1,177	2,170	6,385	49,164	
Fr. Avocados	MT											
European Union		38	335	38	1,003	1,516	86	291	86	907	1,792	
Canada		193	91	271	211	1,048	219	97	296	221	1,186	
Malaysia		2	0	2	0	67	8	0	8	0	110	
Korea, Republic of		2	0	21	6	53	3	0	33	13	89	
Japan		0	113	0	131	732	0	144	0	167	1,155	
Other Countries		5	0	8	2	98	9	0	12	9	197	
Subtotal:----		239	539	339	1,353	3,516	325	532	435	1,318	4,529	
Fr. Kiwifruit	MT											
Canada		718	366	1,281	566	4,041	588	467	1,137	744	5,159	
Mexico		38	69	62	134	437	33	57	51	107	344	
Hong Kong		0	0	0	36	187	0	0	0	28	332	
Taiwan		0	69	0	69	503	0	104	0	104	663	
Japan		34	17	42	18	269	69	19	75	24	340	
Other Countries		29	318	43	318	247	32	415	52	415	329	
Subtotal:----		819	839	1,428	1,140	5,684	722	1,062	1,316	1,421	7,167	
Fresh Grapes	MT											
European Union		2,836	2,447	4,021	3,986	10,753	3,837	3,369	6,532	5,694	19,282	
Canada		7,346	6,822	22,122	25,909	78,759	12,224	10,099	31,229	31,768	102,740	
Mexico		5,254	6,625	10,070	12,710	24,101	4,625	6,076	8,948	11,550	21,735	
Philippines		7,304	1,820	9,708	3,371	12,848	7,553	2,180	10,332	4,029	14,345	
Hong Kong		8,987	4,451	16,147	14,170	38,104	11,766	6,078	20,715	18,173	51,581	
Other Countries		14,061	14,090	24,997	24,568	52,902	18,100	17,026	32,201	31,335	69,491	
Subtotal:----		45,788	36,255	87,065	84,713	217,467	58,106	44,828	109,957	102,549	279,173	

U.5. Exports of Selected Horticultural Products

Product and Country		Quantity				Values (1000 Dollars)						
Country	Region	Nov FY 1998	Nov FY 1999	Oct-Nov FY 1998	Oct-Nov FY 1999	Oct-Sep FY 1998	Oct-Sep FY 1999	Nov FY 1998	Nov FY 1999	Oct-Nov FY 1998	Oct-Nov FY 1999	Oct-Sep FY 1998
<b>Fresh Strawberries MT</b>												
European Union		173	40	454	300	3,282	451	147	1,175	1,005	8,016	
Canada		748	261	2,086	1,647	36,369	1,116	508	3,355	3,147	56,995	
Mexico		7	0	290	644	3,164	7	0	548	802	4,378	
Japan		614	453	2,113	1,696	6,111	2,282	1,585	8,018	5,947	22,072	
Australia		0	0	0	14	529	0	0	0	17	803	
Other Countries		29	3	101	33	415	66	5	171	85	1,100	
Subtotal:----		1,571	757	5,044	4,334	49,870	3,922	2,246	13,266	11,002	93,364	
<b>Fresh Oranges Inc Tmp1 MT</b>												
Canada		15,576	12,272	23,282	18,080	203,878	7,623	6,605	11,471	9,429	102,805	
Korea, Republic o		83	347	463	689	26,543	83	240	421	535	18,321	
Hong Kong		7,784	5,090	18,156	16,955	173,971	4,770	3,346	11,421	10,582	104,002	
Taiwan		133	53	307	358	27,426	58	41	117	233	13,507	
Japan		5,792	4,803	7,189	8,451	126,968	3,979	3,960	5,419	6,504	75,598	
Other Countries		3,594	2,066	5,064	4,613	83,224	1,978	1,244	2,891	2,569	46,939	
Subtotal:----		32,962	24,632	54,461	49,146	642,010	18,491	15,437	31,740	29,852	361,171	
<b>Fresh Grapefruit MT</b>												
European Union		18,941	19,618	37,716	34,578	137,032	7,410	8,250	15,360	14,777	54,151	
Canada		7,450	5,303	14,893	11,686	53,411	2,927	2,913	5,903	6,298	28,389	
Hong Kong		379	236	759	558	2,973	140	113	410	281	1,538	
Taiwan		35	62	35	75	17,062	29	38	29	50	7,441	
Japan		11,181	11,381	16,659	22,251	171,308	6,136	6,939	9,576	14,125	95,465	
Other Countries		735	775	1,415	1,198	5,494	456	428	820	692	2,804	
Subtotal:----		38,721	37,376	71,478	70,346	387,282	17,098	18,681	32,099	36,223	189,788	
<b>Fresh Lemons MT</b>												
Canada		2,271	2,212	3,262	4,078	24,355	1,208	1,565	1,827	2,883	13,780	
Korea, Republic o		266	247	473	411	2,178	225	188	499	330	1,670	
Hong Kong		1,637	771	2,541	1,369	10,418	1,127	524	1,864	982	6,844	
Japan		5,548	7,180	14,467	15,576	69,428	5,794	5,390	19,592	11,978	57,211	
Australia		485	990	501	1,010	2,309	359	764	371	773	1,619	
Other Countries		636	241	859	461	4,593	399	221	590	383	2,917	
Subtotal:----		10,842	11,642	22,103	22,904	113,282	9,111	8,652	24,744	17,330	84,042	
<b>Fresh Tang/Mand MT</b>												
European Union		0	0	0	956	0	0	0	0	0	585	
Canada		3,003	2,433	3,828	3,114	13,444	2,272	1,872	2,998	2,386	10,172	
Korea, Republic o		333	266	333	266	8,035	300	227	300	227	7,038	
Japan		17	0	52	0	807	15	0	35	0	637	
Australia		173	47	173	47	731	97	17	97	17	441	
Other Countries		191	56	204	62	1,043	146	44	160	49	783	
Subtotal:----		3,718	2,802	4,590	3,488	25,017	2,830	2,160	3,591	2,678	19,657	
<b>Canned Peaches MT</b>												
European Union		69	739	69	3,015	3,086	78	670	78	1,845	2,543	
Canada		720	408	1,423	775	7,948	654	446	1,243	848	7,584	
Mexico		19	399	92	810	1,312	23	289	76	622	1,030	
Taiwan		90	39	119	71	1,006	96	51	127	95	836	
Japan		269	151	502	442	2,709	379	170	617	465	2,788	
Other Countries		661	358	1,296	1,282	5,518	610	378	1,312	1,417	5,432	
Subtotal:----		1,827	2,093	3,500	6,395	21,580	1,839	2,005	3,454	5,292	20,215	
<b>Canned Pears MT</b>												
European Union		2	0	78	0	186	3	0	65	0	161	
Canada		388	194	671	655	3,731	398	192	701	682	3,635	
United Arab Emira		0	116	45	331	430	0	83	30	201	297	
Taiwan		0	21	0	39	107	0	8	0	15	87	
Japan		35	0	35	87	479	42	0	42	94	549	
Other Countries		52	18	111	46	295	70	11	140	51	348	
Subtotal:----		478	349	940	1,157	5,228	513	295	978	1,044	5,077	
<b>Canned Pineapple MT</b>												
European Union		44	0	109	62	823	48	0	109	68	764	
Canada		66	57	314	358	1,360	63	55	313	337	1,277	
Mexico		28	19	55	107	370	24	18	47	95	330	
Philippines		0	84	83	84	512	0	70	69	70	434	
Japan		47	189	47	217	1,068	55	172	55	205	1,204	
Other Countries		54	2	73	65	460	55	3	73	56	447	
Subtotal:----		239	350	681	891	4,593	245	317	665	830	4,455	
<b>Fruit Mixtures MT</b>												
Canada		744	854	1,449	1,676	8,607	901	883	1,691	1,717	9,698	
Costa Rica		127	161	325	293	1,246	144	174	396	329	1,383	
Panama		123	98	188	193	1,030	134	106	206	231	1,214	
Saudi Arabia		107	0	370	270	1,418	136	0	545	385	2,024	
Japan		381	383	646	632	3,384	496	465	848	773	4,189	
Other Countries		581	746	1,583	1,561	7,287	860	884	2,582	1,781	9,755	
Subtotal:----		2,063	2,241	4,561	4,625	22,973	2,671	2,513	6,268	5,216	28,263	

U.S. Exports of Selected Horticultural Products

Product and Country		Quantity				Values (1000 Dollars)					
		Country Region	Nov FY 1998	Nov FY 1999	Oct-Nov FY 1998	Oct-Nov FY 1999	Oct-Sep FY 1998	Nov FY 1998	Nov FY 1999	Oct-Nov FY 1998	Oct-Nov FY 1999
<b>Dried Prunes</b> MT											
European Union	2,924	2,341	6,679	5,868	31,653	5,760	4,145	13,123	11,098	60,569	
Canada	461	242	777	656	4,148	973	472	1,628	1,299	8,802	
Netherlands Antil	331	0	487	0	2,118	817	0	1,217	0	3,816	
Singapore	190	169	565	277	1,689	435	356	1,225	580	3,636	
Japan	2,242	1,841	3,469	4,329	20,442	4,365	3,620	6,735	8,037	37,560	
Other Countries	1,134	1,202	2,366	2,834	10,781	2,062	2,300	4,418	5,279	19,275	
Subtotal:....	7,283	5,796	14,343	13,964	70,831	14,412	10,893	28,347	26,293	133,659	
<b>Dried Raisins</b> MT											
European Union	4,227	3,631	9,106	8,260	54,055	7,874	6,137	16,498	13,456	88,596	
Canada	892	1,061	2,038	2,416	12,010	1,760	1,961	4,017	4,336	22,408	
Hong Kong	371	374	976	522	3,582	691	722	1,876	1,043	6,572	
Taiwan	599	475	966	836	4,308	878	741	1,476	1,238	6,391	
Japan	1,765	1,680	3,873	5,401	23,996	2,942	2,875	6,685	8,669	37,761	
Other Countries	4,515	1,560	7,050	3,790	22,971	7,590	3,227	11,865	7,503	38,349	
Subtotal:....	12,367	8,781	24,009	21,224	120,923	21,735	15,662	42,417	36,244	200,076	
<b>Dried Figs</b> MT											
European Union	1	0	4	4	41	8	0	19	9	99	
Canada	48	102	123	193	827	181	272	497	505	2,451	
Hong Kong	78	53	115	76	336	429	320	629	434	1,494	
Japan	33	22	74	97	493	105	75	190	327	1,366	
New Zealand	1	0	2	-	31	3	0	9	4	61	
Other Countries	42	18	61	24	97	131	43	150	58	269	
Subtotal:....	202	195	378	394	1,824	856	710	1,495	1,337	5,740	
<b>Dates</b> MT											
European Union	184	179	464	402	1,226	470	797	1,615	1,987	3,830	
Canada	164	179	313	347	865	386	532	797	929	2,295	
Hong Kong	0	0	0	0	251	0	0	0	0	118	
Japan	0	3	0	3	263	0	4	0	4	268	
Australia	87	100	128	210	396	424	367	652	914	2,037	
Other Countries	485	61	622	233	1,071	1,310	229	1,840	824	2,730	
Subtotal:....	920	521	1,527	1,194	4,073	2,590	1,929	4,903	4,658	11,278	
<b>Fcoj</b> KL											
European Union	8,612	4,055	14,549	7,906	149,838	4,050	1,782	6,493	3,424	59,664	
Canada	1,695	1,570	3,412	2,926	22,005	2,273	2,451	4,621	4,487	32,303	
Switzerland	0	0	77	87	32,137	0	0	36	40	8,411	
Korea, Republic o	546	324	1,363	931	10,407	218	430	865	818	7,232	
Japan	2,532	1,374	4,299	5,723	63,236	814	873	1,736	2,446	24,004	
Other Countries	1,697	903	4,540	6,402	38,274	804	494	1,989	2,623	16,059	
Subtotal:....	15,083	8,226	28,240	23,975	315,898	8,159	6,030	15,741	13,838	147,674	
<b>Orange Juice NtCnc</b> KL											
European Union	4,187	6,320	5,627	12,699	73,004	2,543	2,646	3,820	5,339	33,734	
Canada	10,762	14,450	22,098	27,078	141,564	7,308	9,996	15,018	18,850	96,161	
Mexico	275	363	424	911	3,760	201	296	337	704	3,024	
Korea, Republic o	336	54	377	54	1,943	252	40	283	40	854	
Japan	1,135	79	1,475	221	4,796	791	50	1,065	160	3,591	
Other Countries	465	586	1,311	2,066	9,925	387	459	1,066	1,634	7,976	
Subtotal:....	17,161	21,853	31,313	43,030	234,992	11,482	13,488	21,588	26,728	145,340	
<b>Grapefruit Juice Cnc</b> KL											
European Union	3,995	1,219	6,913	2,264	30,743	1,865	830	3,272	1,582	18,178	
Canada	312	136	565	328	2,535	415	205	719	484	3,943	
Mexico	44	0	44	43	668	32	0	32	36	560	
Brazil	70	0	119	21	931	31	0	64	15	232	
Japan	931	604	1,215	1,771	12,300	526	473	675	1,192	9,374	
Other Countries	143	444	311	716	1,560	88	293	172	416	924	
Subtotal:....	5,495	2,402	9,167	5,142	48,737	2,958	1,801	4,934	3,725	33,211	
<b>Fresh Asparagus</b> MT											
European Union	51	15	51	42	806	112	39	112	106	2,905	
Canada	191	184	295	373	6,508	598	488	953	1,043	17,019	
Switzerland	0	0	0	-	2,549	0	0	0	5	6,628	
Japan	0	0	51	8	5,201	0	0	64	40	17,753	
Australia	0	4	0	4	113	0	9	0	9	341	
Other Countries	0	0	10	24	309	0	0	36	44	789	
Subtotal:....	242	203	408	452	15,485	709	536	1,166	1,247	45,435	
<b>Fresh Broccoli</b> MT											
Canada	8,548	7,827	11,058	10,584	74,480	4,491	4,230	6,631	6,157	48,293	
Mexico	28	50	137	127	736	42	34	156	103	566	
Hong Kong	417	224	660	535	5,643	356	193	584	402	4,673	
Taiwan	53	283	172	606	3,838	77	188	223	471	3,275	
Japan	3,784	4,987	7,309	11,094	41,401	3,177	3,686	6,361	8,661	33,531	
Other Countries	55	21	443	34	732	54	12	310	22	528	
Subtotal:....	12,885	13,391	19,781	22,979	126,830	8,198	8,343	14,266	15,815	90,866	

U.S. Exports of Selected Horticultural Products

Product and Country		Quantity						Values (1000 Dollars)													
		Country	Region	Nov	FY 1998	Nov	FY 1999	Oct-Nov	FY 1998	Oct-Nov	FY 1999	Oct-Sep	FY 1998	Nov	FY 1999	Oct-Nov	FY 1999	Oct-Nov	FY 1999	Oct-Sep	FY 1998
Fresh Carrots	MT																				
European Union		82		163		140		269		1,262		68		119		123		199		954	
Canada		3,644		4,637		6,208		8,232		98,914		2,319		2,640		4,082		4,830		51,251	
Mexico		55		107		345		500		1,218		38		67		153		202		539	
United Arab Emira		276		556		798		980		3,916		91		250		277		418		1,459	
Japan		87		290		119		694		1,274		91		324		121		663		1,149	
Other Countries		552		395		982		741		6,201		249		235		433		385		2,784	
Subtotal:----		4,695		6,148		8,592		11,415		112,785		2,855		3,635		5,189		6,697		58,136	
Fresh Lettuce	MT																				
Canada		24,916		26,320		45,489		48,880		253,830		14,858		10,880		28,738		23,689		145,189	
Mexico		1,589		1,620		3,838		4,482		19,729		614		673		1,538		1,834		7,730	
Singapore		161		363		399		532		3,180		193		199		387		314		2,242	
Hong Kong		1,065		714		1,848		1,491		16,537		708		512		1,257		1,057		10,063	
Japan		599		943		855		2,365		3,872		323		1,380		557		3,473		4,142	
Other Countries		381		531		958		1,250		6,693		260		375		656		799		4,328	
Subtotal:----		28,712		30,490		53,388		58,999		303,840		16,956		14,018		33,134		31,165		173,694	
Fresh Onions	MT																				
European Union		343		400		357		571		8,320		520		628		544		774		7,120	
Canada		9,157		9,038		15,594		17,918		114,589		3,173		3,464		5,469		6,696		48,126	
Mexico		1,556		2,740		3,861		5,327		22,206		576		1,063		1,457		2,132		8,377	
Taiwan		2,720		2,058		5,527		7,239		13,804		809		716		1,593		2,778		4,078	
Japan		15,905		8,470		37,296		20,261		100,217		3,846		1,992		8,191		4,888		26,635	
Other Countries		5,483		5,929		8,861		10,520		33,160		1,652		1,897		2,865		3,469		11,415	
Subtotal:----		35,164		28,636		71,497		61,835		292,297		10,577		9,759		20,119		20,738		105,750	
Fresh Tomatoes	MT																				
European Union		19		5		19		7		3,120		44		15		44		22		7,538	
Canada		10,385		10,210		22,605		19,784		123,907		11,281		10,627		19,723		20,422		108,712	
Mexico		345		198		2,570		775		5,024		461		196		2,504		714		4,455	
Bahamas, The		35		41		69		70		278		51		77		119		140		367	
Japan		65		63		128		92		577		58		79		105		178		684	
Other Countries		44		62		116		97		784		19		59		49		86		560	
Subtotal:----		10,893		10,577		25,507		20,826		133,689		11,913		11,051		22,544		21,562		122,317	
Canned Sweet Corn	MT																				
European Union		1,870		6,118		6,087		16,160		39,952		1,338		3,979		4,269		10,572		28,253	
Korea, Republic o		2,800		1,788		4,139		2,922		11,625		2,733		1,824		4,173		2,840		11,610	
Hong Kong		522		526		767		1,236		5,659		413		458		622		1,076		4,800	
Taiwan		1,303		1,891		3,497		3,383		25,386		1,172		1,618		3,058		2,899		23,056	
Japan		4,008		5,466		7,979		10,550		56,405		3,333		5,110		6,674		9,381		46,871	
Other Countries		3,200		2,895		5,827		5,462		32,280		2,403		2,305		4,497		4,196		24,514	
Subtotal:----		13,704		18,683		28,296		39,714		171,307		11,393		15,293		23,293		30,964		139,104	
Canned Tomato Paste	MT																				
European Union		6,617		0		7,595		19		21,905		2,821		0		3,319		13		12,009	
Canada		3,403		2,197		7,158		8,970		42,912		2,469		1,693		5,370		7,231		31,427	
Philippines		153		520		254		520		5,007		100		416		164		416		3,515	
Korea, Republic o		738		236		1,760		1,126		9,633		606		229		1,549		1,223		7,644	
Japan		1,682		1,118		3,839		1,908		13,098		1,156		1,015		2,848		1,703		9,323	
Other Countries		3,093		3,487		4,083		5,338		30,703		2,120		1,622		2,906		2,918		21,082	
Subtotal:----		15,686		7,557		24,690		17,880		123,257		9,273		4,974		16,156		13,504		84,999	
Canned Tomato Sauce	MT																				
European Union		893		387		1,513		789		6,964		992		454		1,799		1,040		9,162	
Canada		5,112		6,762		10,500		12,446		72,901		4,376		6,032		9,428		11,049		64,550	
Mexico		592		440		1,148		921		6,569		491		322		915		763		4,910	
Korea, Republic o		469		281		624		373		2,050		357		207		504		292		1,679	
Japan		448		310		1,075		587		5,905		474		328		1,083		588		5,536	
Other Countries		1,982		1,290		3,192		2,263		11,712		1,831		1,167		3,033		2,180		12,689	
Subtotal:----		9,495		9,470		18,052		17,377		106,100		8,521		8,511		16,762		15,913		98,526	
Frozen French Fries	MT																				
Canada		1,968		1,632		3,731		3,507		25,009		1,955		1,604		3,702		3,405		23,654	
Korea, Republic o		1,889		1,532		4,667		4,172		24,423		1,223		1,014		3,034		2,797		15,597	
Hong Kong		1,871		2,190		4,391		4,702		29,934		1,249		1,456		2,957		3,076		19,669	
Taiwan		1,631		1,909		3,452		3,703		23,481		1,080		1,229		2,257		2,376		15,355	
Japan		22,612		25,532		39,736		42,688		231,975		15,195		18,616		26,740		31,516		163,358	
Other Countries		9,478		12,290		17,843		23,118		102,608		7,053		9,302		13,411		17,325		74,955	
Subtotal:----		39,449		45,084		73,821		81,891		437,431		27,755		33,219		52,101		60,495		312,588	
Frozen Sweet Corn	MT																				
European Union		504		405		697		716		4,717		354		343		504		545		3,379	
Canada		170		157		293		355		2,953		124		115		223		255		2,092	
Mexico		308		199		622		386		3,330		186		106		377		212		1,884	
Hong Kong		559		348		1,191		820		5,668		394		241		823		587		4,119	
Japan		6,518		3,320		11,047		7,859		46,579		5,201		2,925		9,130		7,050		40,785	
Other Countries		2,245		918		3,068		2,156		14,224		1,736		742		2,447		1,831		10,753	
Subtotal:----		10,304		5,348		16,918		12,290		77,470		7,995		4,473		13,505		10,480		63,011	

U.S. Exports of Selected Horticultural Products

Product and Country		Quantity					Values (1000 Dollars)				
		Country Region	Nov FY 1998	Nov FY 1999	Oct-Nov FY 1998	Oct-Nov FY 1999	Oct-Sep FY 1998	Nov FY 1998	Nov FY 1999	Oct-Nov FY 1998	Oct-Nov FY 1999
<b>Almonds Unshelled MT</b>											
European Union	1,113	35	2,758	827	7,044	2,423	76	6,078	1,733	17,003	
Argentina	70	40	417	232	915	177	79	926	406	1,891	
India	615	1,302	2,219	2,333	11,638	1,860	3,996	7,010	7,287	35,989	
Hong Kong	161	5	283	5	514	406	11	706	11	1,331	
Japan	417	44	918	111	2,776	1,005	115	2,294	252	6,954	
Other Countries	532	386	1,398	945	2,798	1,106	780	3,455	2,181	6,796	
Subtotal:----	2,907	1,812	7,993	4,452	25,684	6,976	5,057	20,469	11,871	69,965	
<b>Almonds Shelled/Prep MT</b>											
European Union	8,551	10,258	24,148	25,328	111,642	33,566	39,596	91,872	100,332	437,705	
Canada	1,240	1,325	2,550	2,472	9,221	4,707	4,926	9,876	9,754	36,114	
Mexico	823	582	1,356	1,290	4,534	1,671	1,775	2,773	3,570	9,936	
United Arab Emira	315	372	910	1,007	3,602	1,459	1,709	4,202	5,016	16,443	
Japan	2,522	1,447	4,789	3,087	19,378	11,166	6,993	21,558	15,103	82,246	
Other Countries	3,893	2,173	9,773	6,055	28,895	15,824	8,942	40,531	25,859	120,348	
Subtotal:----	17,344	16,156	43,526	39,239	177,273	68,393	63,940	170,812	159,634	702,792	
<b>Walnuts, Shelled MT</b>											
European Union	1,493	1,775	3,067	3,123	6,350	2,712	2,996	5,942	5,762	15,406	
Canada	282	287	517	639	2,434	1,028	868	1,984	1,805	8,667	
Israel	298	392	894	516	2,307	1,554	1,473	3,866	1,681	8,434	
Korea, Republic o	240	29	396	40	1,475	332	119	759	170	1,592	
Japan	753	670	1,195	1,067	6,761	3,711	2,398	6,201	4,139	30,733	
Other Countries	817	702	1,539	1,230	3,754	2,466	2,369	4,736	4,164	12,386	
Subtotal:----	3,883	3,855	7,606	6,617	23,080	11,804	10,224	23,488	17,722	77,218	
<b>Walnuts, Unshelled MT</b>											
European Union	6,246	13,196	25,169	26,959	29,197	11,660	24,530	49,116	49,683	56,177	
Canada	655	443	1,039	705	1,721	1,261	867	2,096	1,378	3,352	
Mexico	63	79	101	110	3,218	111	140	162	190	5,357	
Israel	0	190	226	247	1,071	0	426	428	547	1,865	
Australia	78	61	141	105	993	151	93	277	161	1,288	
Other Countries	1,728	1,566	3,037	2,844	4,452	3,487	3,006	6,130	5,481	8,534	
Subtotal:----	8,769	15,536	29,714	30,970	40,652	16,669	29,062	58,209	57,439	76,573	
<b>Pistachios MT</b>											
European Union	1,720	1,145	2,981	2,666	14,560	6,810	4,373	11,859	10,353	59,800	
Canada	311	349	578	618	2,433	1,454	1,427	2,570	2,553	10,829	
Switzerland	51	20	111	61	645	220	79	447	260	2,735	
Israel	70	21	317	21	1,070	326	101	1,544	101	5,126	
Hong Kong	1,704	803	3,233	1,543	10,394	6,348	2,544	12,131	5,273	40,277	
Other Countries	1,128	725	1,861	1,460	4,717	5,505	3,155	9,150	6,321	22,800	
Subtotal:----	4,984	3,063	9,081	6,370	33,818	20,664	11,679	37,701	24,861	141,566	
<b>Hop Pellets MT</b>											
European Union	154	70	323	192	1,258	660	446	1,245	828	6,864	
Canada	148	90	311	193	1,428	871	528	1,882	1,062	8,527	
Colombia	0	0	0	0	443	0	0	0	0	3,601	
Brazil	69	0	74	12	884	118	0	169	47	3,843	
Japan	35	0	35	0	337	132	0	132	0	1,628	
Other Countries	30	60	145	106	1,304	113	188	594	481	5,308	
Subtotal:----	435	220	888	503	5,654	1,894	1,162	4,022	2,418	29,770	
<b>Hop Extract MT</b>											
European Union	127	122	241	169	1,054	1,681	1,727	3,110	2,653	15,208	
Mexico	135	140	144	140	591	3,632	3,831	3,742	3,831	12,937	
Colombia	10	0	10	0	133	250	0	250	0	2,659	
Brazil	40	28	142	59	333	928	419	2,183	1,121	5,502	
Hong Kong	0	0	0	0	154	0	0	0	0	1,926	
Other Countries	34	51	137	149	891	516	645	2,569	1,688	12,553	
Subtotal:----	347	341	674	517	3,157	7,007	6,622	11,855	9,292	50,786	
<b>Hops, Nspf MT</b>											
European Union	59	120	443	198	1,133	515	473	2,016	779	4,831	
Mexico	0	29	0	40	155	0	215	0	302	1,078	
Colombia	0	0	0	0	49	0	0	0	0	257	
Russian Federatio	0	0	5	-	45	0	0	14	4	145	
Japan	0	-	0	-	47	0	5	0	5	605	
Other Countries	19	17	36	27	163	582	70	650	126	1,662	
Subtotal:----	78	166	485	267	1,592	1,097	763	2,680	1,217	8,577	
<b>Grape Wine KL</b>											
European Union	7,588	9,072	15,850	21,085	113,757	14,003	23,246	30,601	51,684	237,576	
Canada	3,199	3,952	6,520	7,563	40,080	7,228	8,617	14,113	16,683	79,776	
Switzerland	644	1,097	2,211	1,718	12,320	1,233	2,271	4,081	3,511	24,229	
Taiwan	1,162	161	2,128	464	6,706	1,754	263	3,438	726	11,364	
Japan	2,300	3,161	5,413	6,066	48,342	3,985	5,185	8,602	10,234	86,593	
Other Countries	2,974	2,619	5,874	5,962	28,523	4,938	4,155	9,498	9,673	46,294	
Subtotal:----	17,867	20,064	37,996	42,859	249,728	33,141	43,737	70,333	92,511	485,833	

**U.5. Exports of Selected Horticultural Products**

Product and Country		Quantity					Values (1000 Dollars)				
		Country Region	Nov FY 1998	Nov FY 1999	Oct-Nov FY 1998	Oct-Nov FY 1999	Oct-Sep FY 1998	Nov FY 1998	Nov FY 1999	Oct-Nov FY 1998	Oct-Nov FY 1999
<b>Essential Oils</b> MT											
European Union		1,184	964	2,485	2,074	13,940	16,315	13,872	31,817	25,918	186,873
Canada		521	512	1,101	1,073	6,770	7,035	7,239	14,846	15,046	95,574
Mexico		361	177	703	454	6,275	3,224	3,008	6,305	6,516	41,857
Hong Kong		175	77	408	160	2,474	1,470	1,059	3,418	2,164	22,677
Japan		319	255	503	506	3,587	2,789	2,576	6,036	5,447	47,570
Other Countries		891	1,042	1,983	2,115	12,891	9,430	11,375	21,377	24,376	138,452
Subtotal:----		3,452	3,026	7,184	6,381	45,937	40,262	39,129	83,800	79,467	533,004
<b>Potato Chips</b> MT											
Canada		989	1,399	2,839	3,303	19,593	2,492	2,719	7,644	6,402	41,804
Mexico		938	414	1,809	1,229	18,271	1,256	1,625	2,552	3,757	27,067
Russian Federation		80	0	80	0	12,341	110	0	110	0	28,272
Hong Kong		298	405	428	723	6,449	949	1,060	1,377	1,795	14,978
Japan		1,483	1,451	2,706	2,248	13,209	4,141	4,188	7,846	6,374	35,099
Other Countries		2,401	6,211	4,616	15,157	32,730	6,385	15,006	12,368	35,846	78,387
Subtotal:----		6,190	9,880	12,478	22,659	102,592	15,333	24,598	31,898	54,175	225,607

U.S. Imports of Selected Horticultural Products

Product and Country		Quantity					Values (1000 Dollars)				
		Country Region	Nov FY 1998	Nov FY 1999	Oct-Nov FY 1998	Oct-Nov FY 1999	Oct-Sep FY 1998	Nov FY 1998	Nov FY 1999	Oct-Nov FY 1998	Oct-Nov FY 1999
Fresh Apples	MT										
Canada		9,827	4,519	24,619	11,147	55,985	3,370	2,488	7,316	5,793	21,658
Chile		0	64	0	98	37,187	0	30	0	142	16,998
New Zealand		0	0	0	0	41,649	0	0	0	0	27,133
Other Countries		2	0	8	0	21,880	1	0	7	0	11,860
Subtotal:----		9,829	4,583	24,628	11,245	156,700	3,371	2,518	7,323	5,935	77,650
Fresh Pears	MT										
Chile		0	0	0	0	23,091	0	0	0	0	10,644
Argentina		0	0	0	0	33,636	0	0	0	0	23,187
South Africa, Rep		0	0	0	0	4,913	0	0	0	0	3,469
Other Countries		795	982	1,261	1,554	5,996	2,058	2,436	3,187	3,597	9,218
Subtotal:----		795	982	1,261	1,554	67,636	2,058	2,436	3,187	3,597	46,518
Fresh Apricots	MT										
Chile		11	35	11	35	679	23	63	23	63	1,005
China, Peoples Re		0	0	0	0	2	0	0	0	0	9
New Zealand		0	0	0	0	170	0	0	0	0	568
Other Countries		1	0	1	2	1	4	0	4	4	4
Subtotal:----		12	35	12	36	852	27	63	27	66	1,586
Fresh Peach/Nect	MT										
European Union		5	0	5	0	14	4	0	4	0	11
Canada		0	0	0	0	268	0	0	0	0	283
Chile		670	805	670	805	6,756	778	905	778	905	6,427
Other Countries		0	0	0	0	0	0	0	0	0	0
Subtotal:----		675	805	675	805	7,039	782	905	782	905	6,721
Fr. Plums/Prunes	MT										
Leeward-Windward		23	11	56	36	122	20	12	47	40	122
Chile		42	8	42	8	19,246	84	13	84	13	17,512
South Africa, Rep		0	0	0	0	97	0	0	0	0	27
Other Countries		0	17	0	17	44	0	20	2	20	77
Subtotal:----		65	35	97	61	19,509	105	45	133	73	17,738
Fresh Grapes	MT										
Mexico		0	0	0	0	101,044	0	0	0	0	144,265
Chile		28	0	28	0	301,516	28	0	28	0	279,145
South Africa, Rep		0	0	0	0	10,135	0	0	0	0	13,538
Other Countries		415	151	3,379	1,523	7,261	581	218	2,206	1,478	3,712
Subtotal:----		442	151	3,407	1,523	419,956	609	218	2,234	1,478	440,659
Raspberries	MT										
Canada		0	6	0	6	2,966	0	21	0	21	3,294
Mexico		73	109	113	135	471	324	671	500	764	2,460
Chile		8	2	8	2	981	16	7	16	7	1,464
Other Countries		15	8	43	12	61	58	47	120	67	223
Subtotal:----		96	125	164	155	4,480	397	746	636	859	7,440
Fresh Strawberries	MT										
Canada		0	0	0	0	70	0	0	0	0	146
Mexico		145	434	145	434	25,133	211	589	211	589	63,429
New Zealand		206	475	220	484	573	673	1,898	729	1,932	1,989
Other Countries		15	150	16	150	81	41	806	43	806	241
Subtotal:----		366	1,059	380	1,069	25,858	926	3,294	984	3,327	65,805
Fresh Avocados	MT										
Mexico		996	2,187	1,226	2,295	7,777	2,045	2,572	2,262	2,670	10,643
Dominican Republi		1,474	1,111	2,136	2,364	5,917	907	1,080	1,323	2,144	4,766
Chile		4,701	10,218	9,499	22,408	25,510	4,978	10,814	10,070	23,474	26,309
Other Countries		225	83	470	392	644	578	340	983	1,090	1,179
Subtotal:----		7,397	13,598	13,330	27,460	39,847	8,508	14,806	14,639	29,378	42,897
Bananas	MT										
Guatemala		44,751	33,973	95,826	101,612	578,237	10,498	8,990	22,782	26,669	177,469
Costa Rica		82,346	129,865	146,966	213,112	997,685	24,391	35,077	43,032	57,208	285,038
Ecuador		69,448	89,955	139,769	163,981	1,038,132	20,545	22,791	41,579	42,752	305,934
Other Countries		116,821	87,487	249,914	163,554	1,232,103	31,412	24,830	66,580	45,913	341,735
Subtotal:----		313,367	341,280	632,474	642,258	3,946,158	86,846	91,689	173,972	172,541	1,110,175
Mangoes	MT										
Mexico		0	0	0	0	161,588	0	0	0	0	103,236
Guatemala		0	0	3	0	10,233	0	0	3	0	4,489
Haiti		4	4	4	4	7,189	3	6	3	6	5,458
Other Countries		2,106	3,604	4,152	5,805	9,758	2,169	3,187	4,244	5,123	11,864
Subtotal:----		2,110	3,608	4,158	5,809	188,767	2,172	3,193	4,250	5,130	125,047
Pineapple	MT										
Mexico		1,230	452	2,410	1,101	19,566	370	204	728	415	5,582
Honduras		2,096	968	4,086	3,272	27,979	581	268	1,179	945	8,023
Costa Rica		14,184	31,766	37,391	49,201	200,308	6,564	11,643	15,448	18,772	63,604
Other Countries		541	513	1,353	869	7,679	394	426	969	725	6,467
Subtotal:----		18,051	33,699	45,241	54,443	255,533	7,909	12,541	18,324	20,857	83,676

U.5. Imports of Selected Horticultural Products

Product and Country		Quantity						Values (1000 Dollars)					
Country	Region	Nov	Nov	Oct-Nov	Oct-Nov	Oct-Sep	Nov	Nov	Oct-Nov	Oct-Nov	Oct-Sep		
		FY 1998	FY 1999	FY 1998	FY 1999	FY 1998	FY 1998	FY 1999	FY 1998	FY 1999	FY 1998		
Cantaloupe	MT												
Mexico		16,550	15,490	24,586	19,596	155,753	5,293	4,748	7,112	5,868	56,978		
Guatemala		3,746	6,077	3,746	6,077	78,855	1,325	1,760	1,325	1,760	22,883		
Honduras		559	0	559	0	100,019	78	0	78	0	22,576		
Other Countries		383	3,413	384	3,431	108,790	56	443	57	450	26,383		
Subtotal:....		21,238	24,980	29,274	29,104	443,417	6,751	6,951	8,572	8,078	128,820		
Other Melons	MT												
Mexico		23,619	21,060	35,666	31,944	292,677	6,041	7,204	9,478	10,151	82,686		
Honduras		81	0	81	0	29,468	10	0	10	0	7,748		
Costa Rica		0	0	0	0	39,963	0	0	0	0	12,099		
Other Countries		532	1,521	607	1,580	54,913	163	461	196	494	19,568		
Subtotal:....		24,231	22,581	36,354	33,523	417,020	6,214	7,665	9,685	10,645	122,101		
Fr. Orng Inc Tmpl	MT												
Mexico		155	0	155	0	8,030	60	0	60	0	2,936		
Dominican Republi		0	34	118	359	1,991	0	19	62	182	728		
Australia		0	0	286	119	25,940	0	0	601	167	30,658		
Other Countries		673	105	902	330	3,999	609	52	884	177	2,648		
Subtotal:....		828	139	1,461	809	39,961	669	71	1,607	525	36,970		
Canned Mandarins	MT												
European Union		376	1,685	1,413	4,371	29,332	321	1,242	1,320	3,234	22,143		
Mexico		194	114	332	199	1,509	202	123	343	217	1,636		
China, Peoples Re		2,654	2,227	5,766	5,949	37,039	2,378	1,546	5,179	4,155	29,454		
Other Countries		55	74	97	115	861	72	110	121	179	1,267		
Subtotal:....		3,279	4,100	7,609	10,635	68,741	2,973	3,022	6,963	7,785	54,500		
Canned Black Olive	MIXED												
European Union		34,138	52,591	53,814	86,091	427,827	81	82	141	196	892		
Mexico		152,950	809,300	987,021	3,043,100	9,424,271	97	344	634	1,259	4,683		
Morocco		20,792	0	39,842	21,792	332,113	20	0	42	27	404		
Other Countries		16,696	1,106	24,799	8,739	260,009	23	4	46	20	534		
Subtotal:....		224,576	862,997	1,105,476	3,159,722	10,444,220	222	430	863	1,502	6,513		
Canned Green Olive	MIXED												
European Union		5,979,874	5,404,026	11,805,685	11,177,373	70,521,775	13,745	11,956	27,827	24,976	154,904		
Turkey		144,807	83,109	263,437	101,514	1,297,908	226	93	394	124	1,824		
Morocco		940,698	679,256	1,535,359	1,115,695	9,533,880	1,616	1,177	2,576	1,964	16,375		
Other Countries		92,576	46,867	203,799	72,019	1,159,748	187	106	393	180	2,114		
Subtotal:....		7,157,955	6,213,258	13,808,280	12,466,601	82,513,311	15,774	13,332	31,189	27,244	175,218		
Canned Peaches	MT												
European Union		1,700	1,158	3,495	2,216	12,386	1,116	746	2,361	1,451	8,325		
Australia		0	0	0	52	1,022	0	0	0	66	832		
South Africa, Rep		238	289	460	590	2,726	181	177	364	365	1,877		
Other Countries		2	276	51	372	1,356	6	287	36	429	1,321		
Subtotal:....		1,940	1,723	4,006	3,231	17,490	1,303	1,209	2,762	2,311	12,356		
Canned Pineapple	MT												
Thailand		1,874	3,583	7,010	4,307	49,443	1,320	3,064	4,849	3,721	34,684		
Indonesia		5,549	5,400	13,296	9,783	52,245	4,312	4,160	10,378	7,533	40,185		
Philippines		12,108	9,856	21,455	19,665	116,504	8,468	6,833	14,950	13,551	83,686		
Other Countries		2,885	4,045	5,356	7,447	33,673	2,167	2,927	4,049	5,500	24,584		
Subtotal:....		22,417	22,885	47,117	41,204	251,865	16,268	16,984	34,226	30,305	183,139		
Dried Apricots	MT												
Turkey		1,481	1,743	3,114	3,717	13,146	3,909	3,777	7,997	7,980	33,410		
China, Peoples Re		0	1	0	1	109	2	2	2	2	259		
Australia		1	0	16	16	118	9	0	94	41	428		
Other Countries		1	0	70	52	154	4	0	180	130	483		
Subtotal:....		1,484	1,744	3,201	3,785	13,527	3,924	3,780	8,273	8,153	34,579		
Dates	MT												
Mexico		16	31	73	51	128	33	60	111	72	162		
Pakistan		200	271	276	466	2,489	178	209	249	379	2,358		
China, Peoples Re		33	8	36	23	355	94	8	102	26	607		
Other Countries		35	21	45	21	235	147	75	167	75	551		
Subtotal:....		284	331	430	561	3,207	453	352	629	551	3,679		
Dried Figs	MT												
European Union		69	209	544	589	610	199	536	1,349	1,518	1,533		
Mexico		25	10	79	10	258	25	13	99	13	401		
Turkey		174	198	365	345	405	367	447	771	769	862		
Other Countries		0	0	3	0	19	0	0	10	0	55		
Subtotal:....		267	417	991	943	1,292	591	996	2,230	2,300	2,851		
Dried Raisins	MT												
Mexico		826	1,465	1,426	3,688	6,652	708	1,611	1,253	3,885	6,857		
Chile		18	58	155	99	1,883	27	82	228	142	2,613		
South Africa, Rep		225	103	398	158	935	316	175	564	260	1,327		
Other Countries		287	192	520	218	1,449	244	247	523	283	1,649		
Subtotal:....		1,356	1,819	2,500	4,164	10,919	1,295	2,114	2,567	4,571	12,446		

U.S. Imports of Selected Horticultural Products

Product and Country		Quantity					Values (1000 Dollars)					
		Country Region	Nov FY 1998	Nov FY 1999	Oct-Nov FY 1998	Oct-Nov FY 1999	Oct-Sep FY 1998	Nov FY 1998	Nov FY 1999	Oct-Nov FY 1998	Oct-Nov FY 1999	Oct-Sep FY 1998
Apple Juice	KL											
European Union		9,994	13,582	13,981	24,871	199,343	3,173	2,481	4,829	4,616	56,877	
Argentina		31,709	0	80,377	30,715	344,805	8,540	0	19,378	5,169	68,226	
China, Peoples Re		10,135	23,350	14,789	37,237	136,791	2,696	3,414	4,286	5,293	26,617	
Other Countries		25,825	27,613	48,971	51,675	335,884	6,537	4,847	13,008	9,684	77,015	
Subtotal:----		77,663	64,545	158,118	144,499	1,016,823	20,947	10,742	41,501	24,762	228,735	
Fcoj	KL											
Mexico		9,337	8,832	15,142	20,211	252,299	1,880	2,791	3,035	5,407	60,541	
Costa Rica		2,202	14,388	6,617	24,263	84,971	355	4,534	1,319	7,569	20,743	
Brazil		34,109	103,231	101,916	172,071	661,805	5,196	21,195	16,558	35,085	110,947	
Other Countries		1,147	822	3,873	1,584	51,672	237	284	871	505	12,911	
Subtotal:----		46,795	127,274	127,549	218,128	1,050,746	7,669	28,804	21,784	48,567	205,142	
Grape Juice	KL											
European Union		354	1,736	409	2,199	15,773	200	1,422	266	1,736	12,189	
Brazil		1,626	514	3,985	1,024	11,610	692	242	1,720	473	5,573	
Argentina		9,303	4,519	21,725	8,679	78,810	3,070	1,574	7,549	3,109	27,733	
Other Countries		1,057	3,451	2,589	5,780	21,792	803	2,308	1,850	3,981	12,067	
Subtotal:----		12,340	10,221	28,707	17,682	127,985	4,765	5,546	11,385	9,300	57,562	
Pineapple Juice, Con KL												
Thailand		2,429	1,424	5,627	2,429	55,652	771	507	1,759	782	17,137	
Indonesia		2,268	1,948	5,953	4,338	23,685	679	531	1,778	1,241	6,956	
Philippines		6,691	9,570	15,481	17,310	88,896	1,628	1,973	3,959	3,619	20,749	
Other Countries		1,231	564	2,798	1,880	19,459	347	224	786	900	6,196	
Subtotal:----		12,618	13,506	29,858	25,957	187,691	3,425	3,235	8,281	6,542	51,038	
Frozen Strawberries	MT											
Canada		26	4	75	4	339	63	37	144	85	806	
Mexico		226	312	446	424	18,002	184	298	358	442	19,134	
China, Peoples Re		0	0	0	0	240	0	0	0	7	427	
Other Countries		3	1	5	1	56	23	77	56	77	1,110	
Subtotal:----		255	316	527	429	18,637	270	412	559	611	21,477	
Fresh Beans	MT											
Canada		0	9	13	11	1,188	0	13	7	17	936	
Mexico		758	665	810	734	16,784	811	858	834	938	18,957	
Guatemala		11	15	27	57	236	7	14	17	49	204	
Other Countries		14	2	28	2	195	16	10	31	10	261	
Subtotal:----		783	691	878	804	18,402	834	895	889	1,014	20,357	
Fresh Carrots	MT											
European Union		44	0	64	0	178	19	0	33	0	128	
Canada		12,795	8,563	23,694	16,581	71,495	2,849	2,254	5,135	4,153	19,095	
Mexico		2,189	602	3,199	1,192	22,104	536	112	829	208	4,512	
Other Countries		0	0	0	0	0	0	0	0	0	0	
Subtotal:----		15,028	9,165	26,958	17,773	93,777	3,404	2,366	5,997	4,361	23,735	
Fresh Cabbage	MT											
European Union		0	0	0	0	949	0	0	0	0	351	
Canada		6,343	2,972	9,007	4,662	34,465	1,678	723	2,235	1,144	10,331	
Mexico		2,297	843	3,872	1,672	15,019	360	157	581	315	3,485	
Other Countries		0	74	0	98	2	0	29	0	38	3	
Subtotal:----		8,640	3,889	12,879	6,432	50,435	2,038	908	2,815	1,498	14,171	
Fresh Celery	MT											
Canada		64	82	1,115	1,449	3,214	25	22	352	395	940	
Mexico		1,335	2,628	1,600	2,992	41,173	285	656	338	777	10,105	
Dominican Republi		4	15	6	15	142	4	14	6	14	130	
Other Countries		5	10	11	17	74	12	17	26	34	158	
Subtotal:----		1,407	2,734	2,732	4,473	44,602	326	709	722	1,219	11,333	
Fresh Cucumbers	MT											
Canada		98	275	739	924	13,154	129	459	825	1,327	12,086	
Mexico		39,400	36,197	50,021	47,300	307,083	12,247	10,785	15,626	15,137	139,788	
Honduras		0	0	0	0	4,857	0	0	0	0	1,114	
Other Countries		161	130	187	196	2,650	140	144	165	247	1,646	
Subtotal:----		39,660	36,602	50,947	48,419	327,745	12,516	11,388	16,616	16,711	154,634	
Fresh Cauliflower	MT											
Canada		145	225	3,000	2,781	11,228	61	87	1,476	1,294	5,249	
Mexico		1,308	88	2,326	123	6,895	375	51	686	68	2,490	
South Africa, Rep		0	0	0	0	67	0	0	0	0	65	
Other Countries		0	0	0	0	0	0	0	0	0	0	
Subtotal:----		1,453	313	5,327	2,904	18,190	436	137	2,162	1,361	7,804	
Fresh Garlic	MT											
European Union		151	458	244	866	1,085	287	912	452	1,676	2,028	
Mexico		13	18	58	243	20,378	44	44	168	292	22,732	
Argentina		0	71	0	71	6,169	0	98	0	98	8,022	
Other Countries		131	223	144	484	2,497	153	362	182	855	3,239	
Subtotal:----		295	771	446	1,665	30,129	485	1,416	802	2,922	36,021	

U.S. Imports of Selected Horticultural Products

Product and Country		Quantity					Values (1000 Dollars)				
Country Region	Nov FY 1998	Nov FY 1999	Oct-Nov FY 1998	Oct-Nov FY 1999	Oct-Sep FY 1998	Nov FY 1998	Nov FY 1999	Oct-Nov FY 1998	Oct-Nov FY 1999	Oct-Sep FY 1998	
Onions, Exc Seed MT											
European Union	461	779	999	1,229	5,794	363	889	716	1,371	7,299	
Canada	4,002	2,851	7,125	6,074	33,490	914	1,029	1,828	2,150	10,549	
Mexico	11,067	10,406	16,766	17,450	207,141	11,524	8,427	18,193	14,470	127,766	
Other Countries	1,360	4,672	1,798	5,558	9,742	695	1,662	861	1,964	4,967	
Subtotal:----	16,889	18,707	26,688	30,310	256,168	13,495	12,007	21,598	19,954	150,581	
Fresh Peppers MT											
European Union	2,480	1,633	4,328	3,364	22,380	6,498	5,439	10,006	9,668	55,014	
Canada	403	767	1,731	3,821	14,245	1,277	2,462	2,932	5,769	29,745	
Mexico	15,270	16,778	29,726	33,788	276,054	13,163	10,603	18,956	20,243	249,466	
Other Countries	337	277	426	290	6,992	491	438	596	476	9,382	
Subtotal:----	18,491	19,456	36,211	41,263	319,671	21,430	18,942	32,490	36,156	343,606	
Seed Potatoes MT											
Canada	4,966	6,789	5,361	7,530	144,083	1,123	1,886	1,220	2,121	28,488	
Costa Rica	0	0	0	0	24	0	0	0	0	14	
Brazil	0	0	0	0	44	0	0	0	0	43	
Other Countries	0	0	0	0	0	0	0	0	0	0	
Subtotal:----	4,966	6,789	5,361	7,530	144,151	1,123	1,886	1,220	2,121	28,545	
Table Potatoes MT											
Canada	30,608	30,332	55,745	58,701	329,775	6,022	5,855	11,401	11,518	66,630	
Japan	4	3	4	3	59	8	13	8	13	78	
Australia	0	0	0	0	156	0	0	0	0	187	
Other Countries	18	0	18	0	40	12	0	12	0	63	
Subtotal:----	30,629	30,335	55,767	58,704	330,030	6,042	5,867	11,422	11,531	66,958	
Fresh Tomatoes MT											
European Union	3,592	3,880	6,321	8,347	44,670	6,281	8,481	10,757	16,970	73,739	
Canada	1,692	3,141	4,653	8,726	56,692	3,073	6,600	7,543	16,265	89,556	
Mexico	33,489	35,254	56,314	63,806	750,762	25,678	34,976	40,252	58,254	563,569	
Other Countries	88	92	88	94	4,728	101	207	101	215	8,316	
Subtotal:----	38,861	42,367	67,376	80,974	856,852	35,134	50,264	58,653	91,704	735,180	
Fresh Asparagus MT											
Mexico	822	935	1,123	2,149	28,796	2,470	2,293	3,443	4,703	56,514	
Peru	2,392	2,887	4,395	5,674	11,633	4,258	5,363	7,887	10,482	20,913	
Chile	898	842	2,469	2,252	2,630	898	781	2,395	2,149	2,540	
Other Countries	710	463	1,278	1,130	3,643	1,300	735	2,201	1,905	7,364	
Subtotal:----	4,822	5,127	9,265	11,205	46,702	8,925	9,171	15,926	19,239	87,332	
Canned Tomato Paste MT											
Mexico	0	0	0	0	8,350	0	0	0	0	4,556	
Chile	37	0	70	0	451	30	0	57	0	409	
Israel	43	0	192	0	636	30	0	135	0	528	
Other Countries	7	0	53	0	528	9	0	51	0	637	
Subtotal:----	88	0	315	0	9,965	68	0	244	0	6,131	
Canned Tomato Sauce MT											
European Union	304	435	588	1,015	5,452	495	806	854	1,932	10,895	
Canada	504	263	959	814	5,937	410	272	829	715	4,697	
Dominican Republic	130	20	204	139	1,138	75	15	130	88	833	
Other Countries	213	79	377	85	2,338	229	116	634	129	5,274	
Subtotal:----	1,150	797	2,129	2,054	14,865	1,208	1,208	2,447	2,864	21,699	
Canned Tomatoes MT											
European Union	5,484	4,140	9,890	8,252	51,967	2,343	2,163	4,201	4,179	24,759	
Canada	214	686	409	1,032	6,321	110	375	219	572	3,291	
Israel	715	917	2,053	1,652	10,484	425	536	1,221	1,080	6,955	
Other Countries	349	461	689	794	2,927	192	325	349	534	1,688	
Subtotal:----	6,762	6,203	13,040	11,730	71,699	3,069	3,400	5,989	6,365	36,693	
Canned Mushrooms MT											
India	401	530	1,221	1,203	5,455	675	1,172	2,031	2,567	9,370	
Indonesia	1,052	1,360	2,292	2,705	13,824	2,016	2,857	4,558	5,595	26,255	
China, Peoples Re	2,154	27	3,860	35	28,640	3,169	71	5,467	101	38,934	
Other Countries	697	1,417	1,403	2,698	14,452	1,696	3,208	3,276	6,188	31,145	
Subtotal:----	4,305	3,334	8,776	6,641	62,371	7,556	7,308	15,332	14,451	105,703	
Frozen Broccoli MT											
Canada	2	105	2	211	406	2	123	2	248	439	
Mexico	14,108	14,960	27,436	26,396	129,172	8,506	10,242	16,710	17,912	83,313	
Guatemala	2,146	2,694	4,244	6,077	24,334	1,532	1,869	3,135	4,318	17,920	
Other Countries	0	0	0	0	49	0	0	0	0	22	
Subtotal:----	16,257	17,759	31,682	32,683	153,962	10,040	12,234	19,847	22,478	101,694	
Frozen Cauliflower MT											
Canada	69	139	180	250	470	44	140	129	245	461	
Mexico	3,684	2,099	5,700	3,506	21,100	2,430	1,508	3,777	2,505	15,379	
Guatemala	55	70	193	204	1,306	46	56	123	177	1,081	
Other Countries	23	0	114	0	524	14	0	47	0	236	
Subtotal:----	3,832	2,308	6,187	3,960	23,400	2,534	1,704	4,076	2,927	17,158	

U.S. Imports of Selected Horticultural Products

Product and Country		Quantity					Values (1000 Dollars)					
		Country Region	Nov FY 1998	Nov FY 1999	Oct-Nov FY 1998	Oct-Nov FY 1999	Oct-Sep FY 1998	Nov FY 1998	Nov FY 1999	Oct-Nov FY 1998	Oct-Nov FY 1999	Oct-Sep FY 1998
Frozen Potatoes	MT											
European Union		88	45	176	92	1,491	54	29	103	70	888	
Canada		31,503	36,108	62,476	75,548	375,697	19,415	21,941	38,236	46,223	233,155	
Australia		0	0	0	0	1,504	0	0	0	0	196	
Other Countries		4	1	8	4	46	12	5	26	18	150	
Subtotal:----		31,595	36,153	62,660	75,644	378,739	19,481	21,975	38,365	46,311	234,388	
Pistachios, Nsh	MT											
Canada		0	0	0	0	1	0	0	0	0	9	
Turkey		10	1	40	1	73	26	9	128	9	281	
China, Peoples Re		0	0	0	0	15	0	0	0	0	39	
Other Countries		0	17	0	27	0	0	41	0	57	2	
Subtotal:----		10	18	40	28	89	26	50	128	66	332	
Cashew Nut	MT											
Brazil		2,036	1,255	4,577	2,501	24,827	9,174	6,404	20,481	13,112	111,377	
India		2,298	2,491	6,547	5,009	36,592	11,361	12,466	31,717	25,261	175,013	
Vietnam		336	354	776	730	5,658	1,405	1,584	3,242	3,453	23,964	
Other Countries		378	435	940	942	7,287	1,599	1,810	3,565	4,057	29,087	
Subtotal:----		5,048	4,536	12,841	9,182	74,364	23,539	22,264	59,005	45,883	339,441	
Filberts	MT											
European Union		6	9	15	33	110	33	52	85	176	563	
Canada		181	36	301	240	344	257	43	451	280	512	
Turkey		706	1,014	1,408	1,678	4,174	3,453	4,111	6,777	6,871	19,484	
Other Countries		0	1	0	2	32	0	5	1	8	78	
Subtotal:----		893	1,060	1,725	1,952	4,659	3,744	4,212	7,313	7,335	20,638	
Pecans, Nsh	MT											
European Union		0	0	0	0	0	0	0	0	0	0	
Greenland		0	0	0	0	0	0	0	0	0	0	
Mexico		3,941	3,965	5,780	5,168	15,723	8,123	6,888	11,567	8,170	29,000	
Other Countries		0	0	0	0	0	0	0	0	0	0	
Subtotal:----		3,941	3,965	5,780	5,168	15,723	8,123	6,888	11,567	8,170	29,000	
Roses	M											
Guatemala		1,543	1,246	4,366	3,634	35,014	244	186	726	579	5,952	
Colombia		40,619	29,976	92,880	74,323	639,504	9,320	5,452	20,557	13,603	147,729	
Ecuador		21,893	23,397	46,519	47,130	284,973	4,415	4,326	9,187	8,588	58,295	
Other Countries		2,835	2,309	7,869	6,362	56,554	1,199	738	2,889	2,192	24,885	
Subtotal:----		66,890	56,928	151,634	131,449	1,016,044	15,177	10,703	33,359	24,961	236,861	
Carnations	MIXED											
Guatemala		0	0	0	0	0	137	130	216	233	1,225	
Colombia		0	0	0	0	0	9,181	7,527	17,162	15,184	108,418	
Ecuador		0	0	0	0	0	292	437	490	798	4,021	
Other Countries		0	0	0	0	0	116	13	136	19	1,970	
Subtotal:----		0	0	0	0	0	9,726	8,107	18,004	16,234	115,633	
Chmp & Sprk Wine	KL											
European Union		5,307	5,202	11,565	12,264	32,450	52,809	65,702	126,817	148,517	376,878	
Bermuda		14	0	23	9	83	77	0	130	53	459	
Australia		23	56	44	78	149	104	212	200	303	657	
Other Countries		31	28	42	44	184	68	78	94	113	632	
Subtotal:----		5,375	5,286	11,673	12,396	32,866	53,057	65,992	127,241	148,985	378,626	
Ft & Verm Wine	KL											
European Union		670	908	1,486	1,903	7,577	1,638	2,631	3,721	5,334	18,847	
Bermuda		5	0	5	0	99	15	0	15	0	291	
Chile		108	0	108	0	108	164	0	164	0	164	
Other Countries		3	0	3	0	17	7	0	7	0	30	
Subtotal:----		785	908	1,601	1,903	7,800	1,824	2,631	3,907	5,334	19,332	
Other Grape Wine	KL											
European Union		26,975	25,847	58,698	52,844	267,144	109,339	122,125	230,289	246,203	1,086,078	
Chile		8,734	4,107	15,032	8,202	55,920	16,004	9,716	28,170	19,445	124,083	
Australia		2,535	2,630	5,725	5,446	30,652	12,431	12,920	27,251	24,388	147,653	
Other Countries		2,045	2,528	4,321	4,408	23,047	4,723	5,640	8,999	10,806	53,312	
Subtotal:----		40,290	35,112	83,776	70,901	376,763	142,498	150,401	294,709	300,842	1,411,126	
Wine, Other Products	KL											
European Union		754	614	1,433	1,426	6,382	966	721	1,879	1,768	7,910	
Canada		130	182	249	319	2,162	126	243	307	400	2,609	
Japan		175	198	318	347	1,777	880	961	1,619	1,589	8,350	
Other Countries		77	166	137	286	1,037	153	279	252	537	1,963	
Subtotal:----		1,137	1,161	2,137	2,379	11,357	2,124	2,205	4,057	4,295	20,832	

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